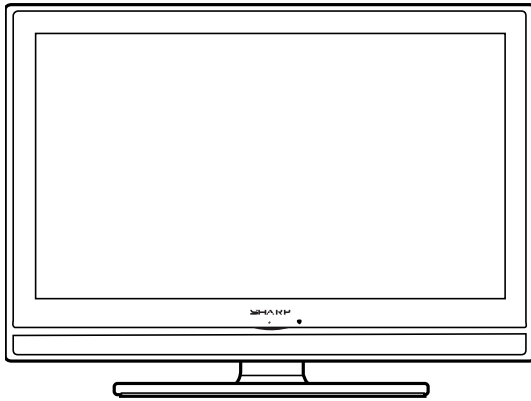


SHARP**SERVICE MANUAL**

No.

**LCD COLOUR TELEVISION****LC-26SH330****LC-32SH330****MODELS LC-42SH330**

In the interests of user-safety (Required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

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Parts marked with  " are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

This document has been published to be used for after sales service only.

The contents are subject to change without notice.

SAFETY PRECAUTION

IMPORTANT SERVICE SAFETY PRECAUTION

- Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:

WARNING

- For continued safety, no modification of any circuit should be attempted.
- Disconnect AC power before servicing.

CAUTION:

FOR CONTINUED PROTECTION AGAINST A RISK OF FIRE REPLACE ONLY WITH SAME TYPE FUSE.

42" F901 (T6.3AH/250V)

26"/32" F901 (T5AH/250V)

BEFORE RETURNING THE RECEIVER

(Fire & Shock Hazard)

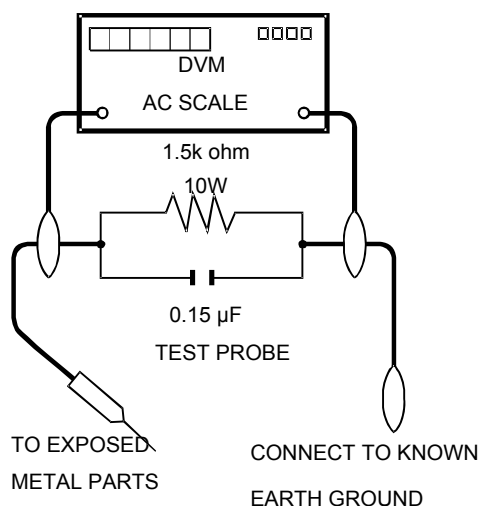
Before returning the receiver to the user, perform the following safety checks:

- Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
- Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
- To be sure that no shock hazard exists, check for leakage current in the following manner.
 - Plug the AC cord directly into a 220~240 volt AC outlet.
 - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15μF capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.

- Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.
- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed. (If necessary, a nonpolarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 1.05 V peak (this corresponds to 0.7 mA peak AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD color television have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor

can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠" and shaded areas in the Replacement Parts List and Schematic Diagrams.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

Precautions for using lead-free solder

Using lead-free wire solder

- When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.

As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40 °C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

Soldering

- As the melting point of lead-free solder (Sn-Ag-Cu) is about 220 °C which is higher than the conventional lead solder by 40 °C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.

Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.

If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.

When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

- Be careful when replacing parts with polarity indication on the PWB silk.

CHAPTER 1. OPERATION MANUAL

[1] SPECIFICATIONS

Specification

Item			26" LCD COLOUR TV, Model: LC-26SH330E	32" LCD COLOUR TV, Model: LC-32SH330E	42" LCD COLOUR TV, Model: LC-42SH330E
LCD screen size			26" diagonal	32" diagonal	42" diagonal
Number of dots			3,147,264 dots (1366 x 768 x 3 dots)	3,147,264 dots (1366 x 768 x 3 dots)	6,220,800 dots (1920 x 1080 x 3 dots)
Video Colour System			PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL 60		
TV Function	TV-Standard	Analogue	CCIR (B/G, I, D/K, L/L')		
		Digital	DVB-T (2K/8K OFDM), DVB-C		
	Receiving Channel	VHF/UHF	ATV : IRA-E69, DVB-T : E5-E69		
		CATV	S-band, S1 - S41ch		
	TV-Tuning System		Auto Preset 1599 ch, Auto Label, Auto Sort		
	STEREO/BILINGUAL		NICAM/A2		
Audio amplifier			5 W x 2	10 W x 2	
Speaker			58±1 (H) x 41±1 (W) x 135±1 (D) mm	58±0.5 (H) x 41±0.5 (W) x135±0.5 (D) mm	55±0.5 (H) x 37±0.5 (W) x126±0.5 (D) mm
Rear	Antenna		UHF/VHF 75		
	SCART 1		SCART (AV input, Y/C input, RGB input, TV output)		
	SCART 2		-	SCART (AV input, Y/C input, monitor output [analogue source - ATV, SCART 1, SIDE AV; digital source - DTV])	
	PC IN		D-sub 15 pin (AV input), Ø3.5 mm jack (Audio input)		
	Component		Y/Pb(Cb)/Pr(Cr), RCA pin (L/R)		
	SPDIF OUT		Digital audio output		
	AV OUT		RCA pin (AV output)	-	
	AUDIO OUT		-	RCA pin (L/R)	
	HDMI 1		Digital video and audio input		
	HDMI 2		-	Digital video and audio input	
	RS-232C		D-sub 9 pin male connector	-	
Side	RS-232C		-	D-sub 9 pin male connector	
	C.I.(Common Interface)		EN50221, R206001, CI Plus specification		
	AV IN		RCA pin (AV input)		
	USB		Software update, multi-media play		
	Headhones		Ø3.5 mm jack (Audio output)		
	HDMI 2		Digital video and audio input	-	
	HDMI 3		-	Digital video and audio input	
OSD language			English, German, French, Italian, Dutch, Spanish, Greek, Portuguese, Swedish, Finnish, Russian, Polish, Turkish, Hungarian, Czech, Slovak, Danish, Norwegian, Estonian, Latvian, Lithuanian, Slovenian, Bulgarian, Croatian, Romanian, Serbian, Ukrainian, Gaelic, Belarussian.		
Power Requirement			AC 220–240 V, 50 Hz		
Power Consumption			70 W (Standby < 0.3 W) (Method IEC62087)	90 W (Standby < 0.3 W) (Method IEC62087)	160 W (Standby < 0.3 W) (Method IEC62087)
Weight			6.9 kg (Without stand), 8.3 kg (With stand)	9.25 kg (Without stand), 10.65 kg (With stand)	15.73 kg (Without stand), 18.11 kg (With stand)
Operating temperature			0°C to + 40°C		

- As a part of policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

NOTE

- Refer to the inside back cover for dimensional drawings.
- Audio cannot be output through the HDMI terminal.

[2] OPERATION MANUAL

Remote control unit

(POWER)

Press to turn the LCD TV on or enter standby mode.

(SOURCE)

Select an input source.

0-9 DIGIT BUTTONS

To select a TV channel directly.

EPG

Press this button to display electronic program guide when watching digital channels.

PRE CH

To display the previous selected TV channel.

DTV/ATV

Press this button to switch between ATV and DTV channels.

PR LIST

Press to display a list of channels. Then press **Red Button** to select the digital or analogue channel list. (Only available when your input source is TV).

ECO

Press this button to set the picture with less brightness for saving energy.



Display programme information, if available.



Press to adjust the volume.



Press to toggle audio on and off. You can also press  (+/-) to restore the previous volume level.



(Picture format)

Select picture format to **Auto / Normal / Zoom 1 / Zoom 2 / Wide**.

P (▲/▼)

Press to select the channel.

DUAL

Select **MONO / STEREO / DUAL 1 / DUAL 2** for ATV channel. Select Audio language for DTV channel.

AUDIO (ADJ)

Press to set the LCD TV to a predefined sound setting. **Personal / Music / Speech**

VIDEO (ADJ)

Press to set the LCD TV to a predefined picture setting. **Personal / Standard / Vivid / Movie / Eco**

SLEEP

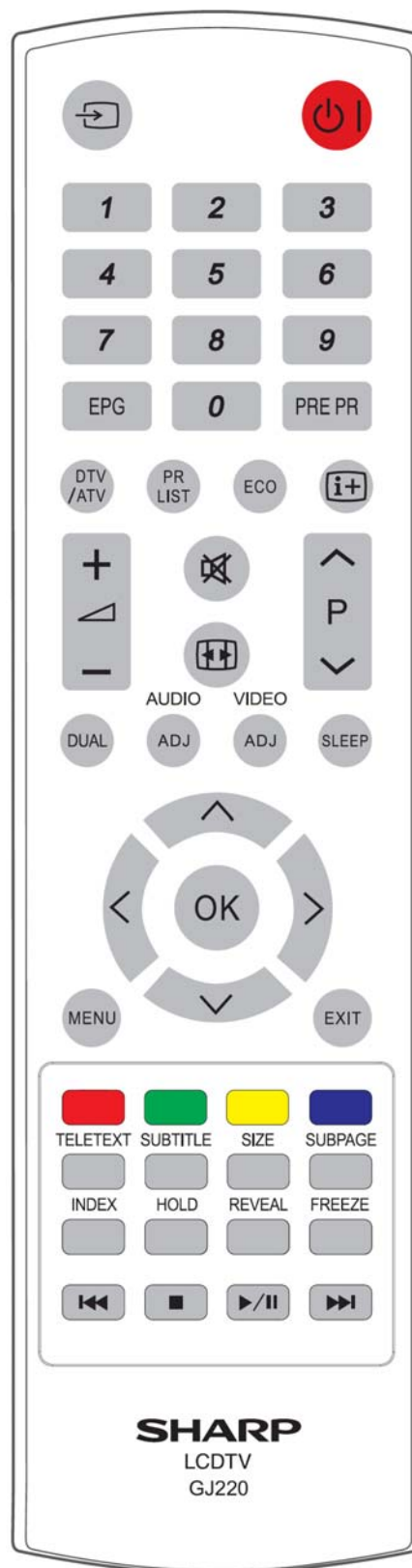
Press to turn the LCD TV off within an amount of time. (10 ~ 120 minutes.)



Press  to navigate and confirm your selection.

OK

Press to activate a setting.



MENU

Press to activate the LCD TV OSD.

EXIT

Press again to exit the LCD TV OSD or return to the previous layer.

R/G/Y/B (COLOUR BUTTON)

Press buttons to select the pictures with various colours of text. Different channels display different functions.

TELETEXT

Press this button to activate Teletext. Press again to activate Teletext with TV. Press again to turn off Teletext.

SUBTITLE

For DTV, press this button to toggle off / between available subtitle language.

For ATV, press this button to toggle off / between available subtitle pages in Teletext.

SIZE

Press this button to change the font size: **Full screen, Top half and Bottom half**.

SUBPAGE

To select the subpage when the current page contains subpage(s).

INDEX

Press this button to return to page 100 or the index page; and then press 0 to 9. The teletext page will be numbered and added to the page you select or the secondary item.

HOLD

Press this button to stop the scrolling of pages. The text decoder stops receiving data.

REVEAL

Reveal hidden information such as answers to a quiz.

FREEZE

Press to freeze a moving image on the screen (Only available when your input source is TV). Start output signal will also be frozen when you are watching digital channels.

In USB mode

(You need to programme the setting with remote control to control connected devices.)



Press to skip back to the previous title or track.



Press to stop playback.

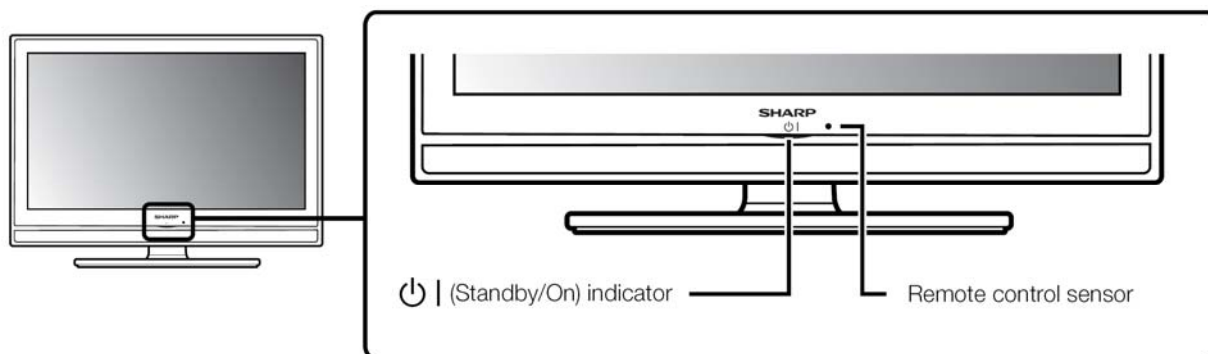


Press to start / pause playback. Caution: Do not freeze the video image for long periods of time. You may damage the TV screen.

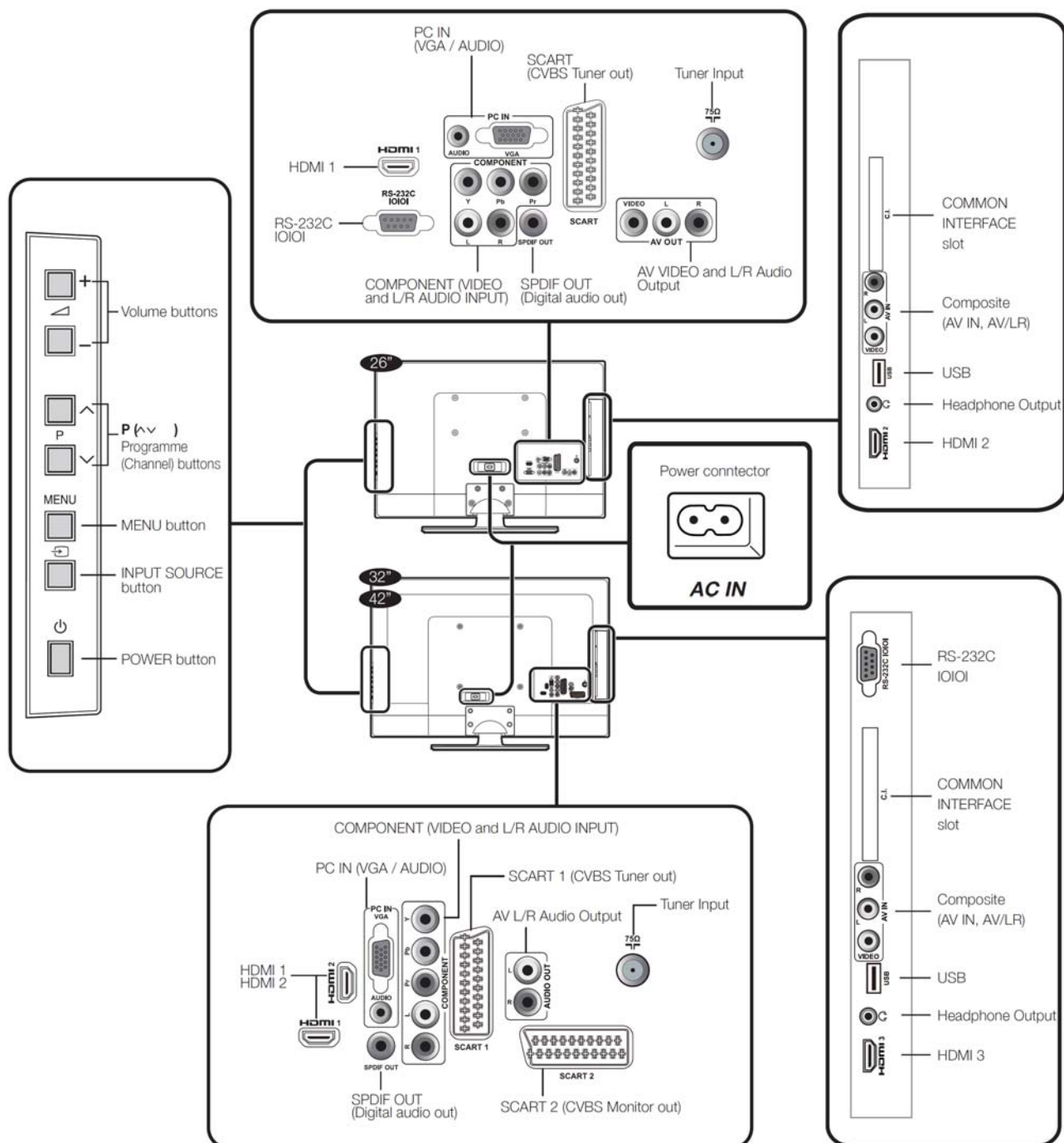


Press to skip forward to the next title or track.

TV (Front view)



TV (Rear view)



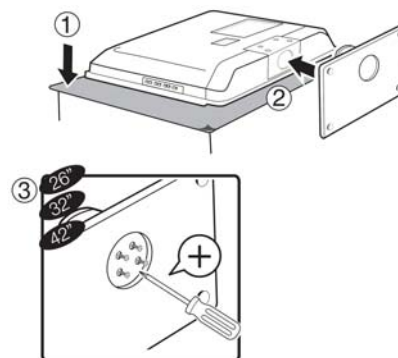
Preparation

Mount the TV base

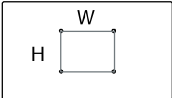
1. Put the TV face down on a safe surface that is covered by a soft and smooth cloth.
2. Adjust the TV stand to the bottom of the TV.
3. Fasten the screws by using a cross-head screwdriver. (Not supplied).

NOTE:

- To detach the TV stand, perform the steps in reverse order.



Wall mounting

	TV screen size (Inches)	VESA-compatible wall bracket (millimeters) (W x H)	Screw type
	26"	200 x 100 mm	Metric 4 x 10 mm
	32"	200 x 200 mm	Metric 6 x 10 mm
	42"	400 x 200 mm	Metric 6 x 10 mm

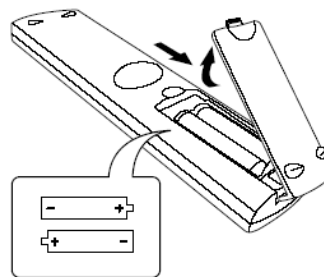
NOTE:

- At the time of purchasing wall bracket , please check if there is enough space between the wall bracket and TV terminals for the terminal connection.

preparation

Installation of batteries

1. Insert two AAA batteries into Remote control.
Make sure (+) and (-) are facing the proper direction.
2. Replace the cover.



NOTE

- If the remote control will not be used for a long time, remove the batteries to avoid remote control damage.

CAUTION

Improper use of batteries can result in chemical leakage or explosion. Be sure to follow the instructions below.

- Do not mix batteries of different types. Different types of batteries have different characteristics.
- Do not mix old and new batteries. Mixing old and new batteries can shorten the life of new batteries or cause chemical leakage in old batteries.
- Remove batteries as soon as they have worn out. Chemicals that leak from batteries can cause a rash. If you find any chemical leakage, wipe thoroughly with a cloth.
- The batteries supplied with this product may have a shorter life expectancy due to storage conditions.
- If you will not be using the remote control unit for an extended period of time, remove the batteries from it.

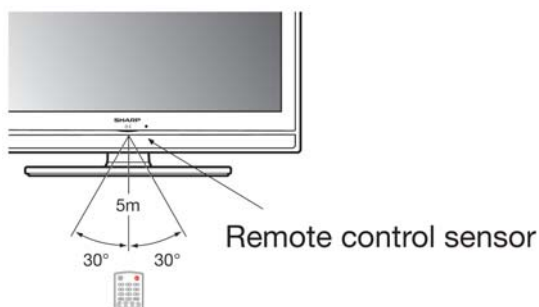
Note on disposing batteries:

The batteries provided contain no harmful materials such as cadmium, lead or mercury.

Regulations concerning used batteries stipulate that batteries may no longer be thrown out with the household rubbish. Deposit any used batteries free of charge into the designated collection containers set up at commercial businesses.

Using the remote control unit

Use the remote control unit by pointing it towards the remote control sensor. Objects between the remote control unit and sensor may prevent proper operation.



Appendix

Troubleshooting

problem	possible Solution
No picture	1. Connect power cord correctly. 2. Turn on power. 3. Connect signal cable correctly. 4. Press any button on the LCD TV.
Abnormal colours	Connect signal cable correctly.
Twisted picture	1. Connect signal cable correctly. 2. Please use compatible signal.
Picture too dark	Adjust brightness and contrast.
Audio only, no images	1. Please check if input signal is connected correctly. 2. TV-RF signal must not be lower than 50dB.
Picture only, no audio	1. Connect signal cable correctly. 2. Adjust volume to proper level. 3. Connect audio signal cable correctly. 4. TV-RF signal must not be lower than 50dB.
Cannot use remote control	1. Please change battery. 2. Turn off power for 10 seconds; and then restart power.
Cannot receive sufficient channels through antenna	Please use the Channel scan function to increase the number of channels not included in memory.
No colour	Please adjust the colour setup
Blinking picture accompanied by ghost image	1. Check the connection of antenna/signal cable. 2. Check if channel is in play mode. 3. Press signal source and change input mode.
Broken lines or segments	Adjust antenna. Keep the TV away from noise sources, such as automobiles, neon lights, and hair dryers.
Certain TV channels are blocked (Hope to acquire some channels)	Please use the Update scan method to add the channels not included in memory
Overlapping images or ghost images	Please use multi-directional outdoor antenna. (If your TV is subject to the influence of nearby mountains or buildings).
Cannot use a function	If the item you choose turns gray, that item cannot be selected.
Cannot receive programs	Please use the Update scan method to add the channels not included in memory.
1. When a lamp in LCD panel is broken and the protector circuit in inverter operates and we tune on the this set, LED keep red? or Green? 2. Service man only change the lamp in LCD panel?	1. If the lamp(s) is(are) broken, panel inverter will not kick on the lamps, so TV set phenomena will be "no picture on display." But the TV system is still working, that is the RC can also control LED. When AC power on, the LED will keep last status and when use RC DC power on, the LED will keep green light. 2. The failed panel should be sent back to Panel maker (CMO) via RMA process. Panel maker (CMO) will not rework the lamps at customer's side since the repaired panel should be checked through regular inspection flow to secure the quality.

Cautions regarding use in high and low temperature environments

- When the unit is used in a low temperature space (e.g. room, office), the picture may leave trails or appear slightly delayed. This is not a malfunction, and the unit will recover when the temperature returns to normal.
- Do not leave the unit in a hot or cold location. Also, do not leave the unit in a location exposed to direct sunlight or near a heater, as this may cause the cabinet to deform and the LCD panel to malfunction.
- Storage temperature: +5°C to +35°C.

Information on the software license for this product

Software composition

The software included in this product is comprised of various software components whose individual copyrights are held by SHARP or by third parties.

Software developed by SHARP and open source software

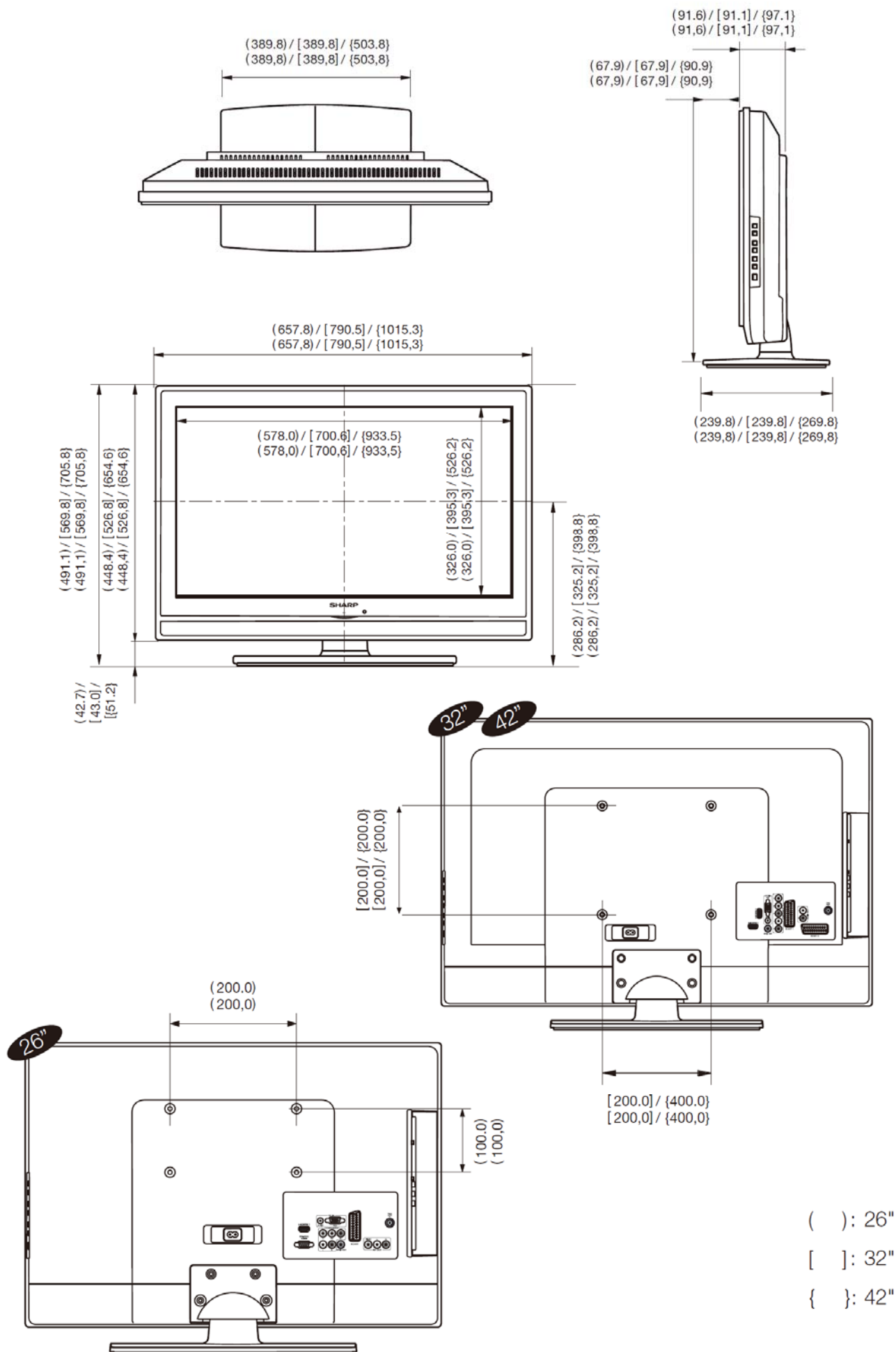
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Acknowledgements

The following open source software components are included in this product:

•linuxkernel•modutils•glibc•zlib•libpng

[3] DIMENSIONS



CHAPTER 2. REMOVING OF MAJOR PARTS

[1] REMOVING OF MAJOR PARTS(LC-26SH330)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view



Fig.1

Back view



Fig.2

Step 1. Remove the Base Assy.

1. Remove the base as Fig.3.

Remove the 4 screws as Fig.3 and pull out the base as Fig.4



Fig.3

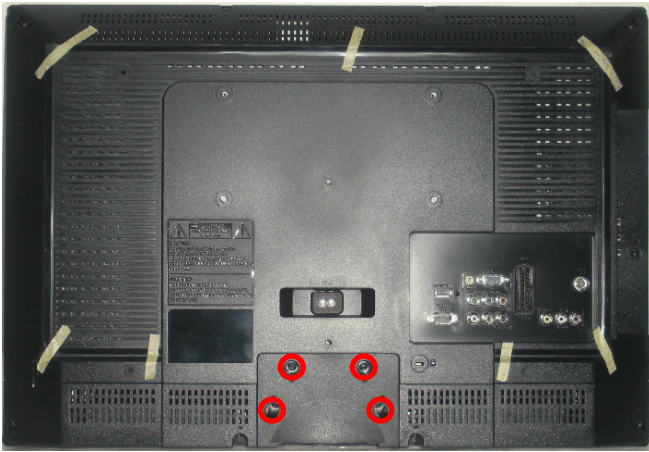


Fig.4

2. Remove the 4 screws. Detach the Neck as Fig.4.

Step 2. Remove the REAR COVER Assy.

1. Remove the 12 screws. Detach the REAR COVER as Fig.5.

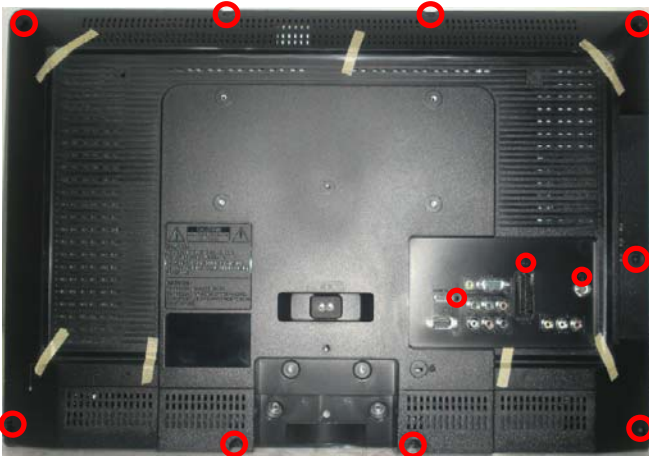


Fig.5

Step 3. Remove the Main, Power board and the Speakers.



Fig.6

1. Disconnect 4 cables and remove the 4 screws. Detach the Main board as Fig.7.

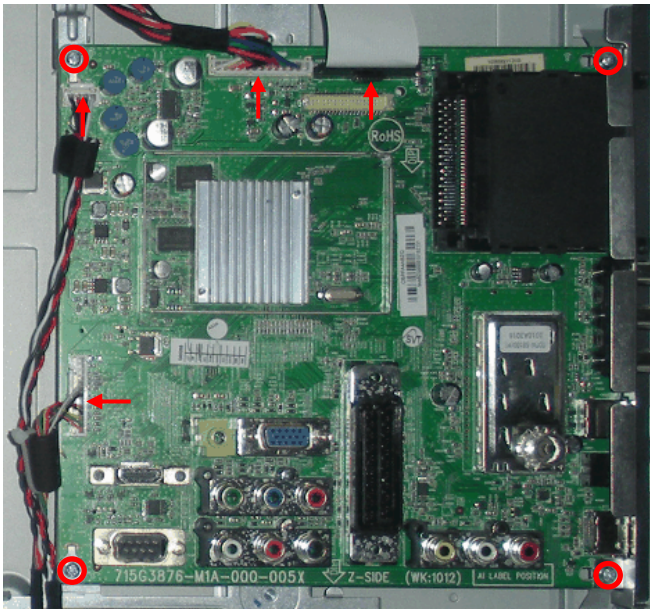


Fig.7

2. Disconnect 1 cable and remove the 5 screws. Detach the Power board as Fig.8.

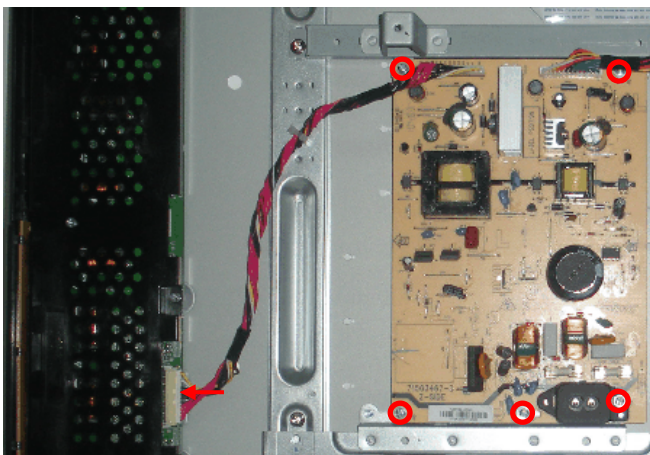


Fig.8

3. Remove the 4 screws. Detach the Speakers as Fig.9.



Fig.9

Step 4. Remove the Bracket and Bezel.

1. Remove the 10 screws. Detach the Bracket as Fig.10 and Fig.11.

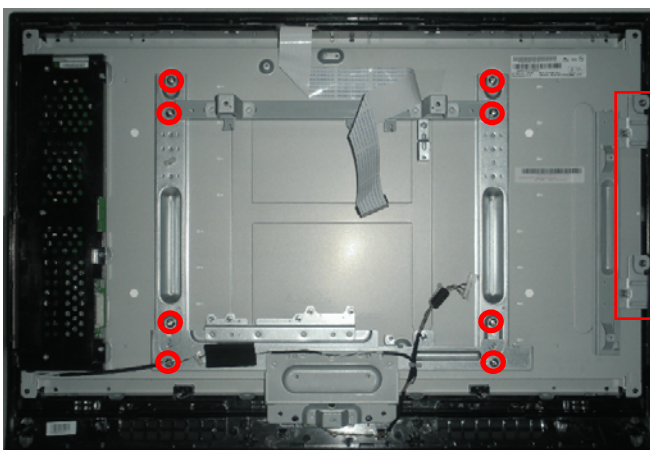


Fig.10



Fig.11

2. Remove the 4 screws. Detach the Bezel as Fig.12.

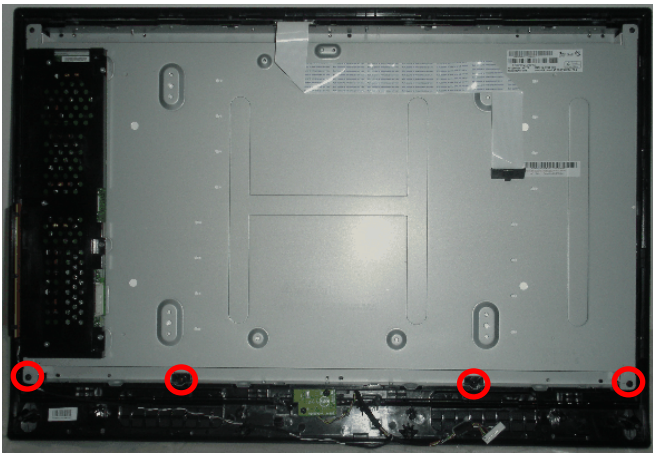


Fig.12

Panel:



Fig.13

Remove the other end of FFC cable as Fig14 and Fig15.



Fig14

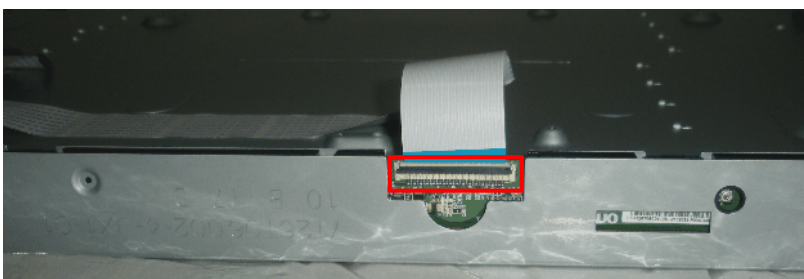


Fig15

Panel:

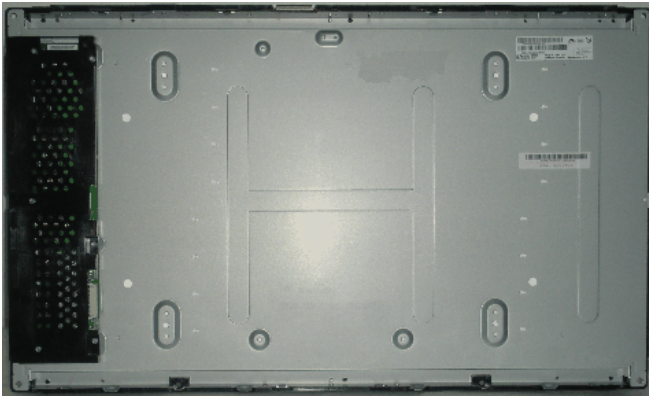


Fig.16

Step 5. Remove the IR and Key board.

1. Remove the 2 screws and disconnect 1 cable. Detach the IR board as Fig.17.

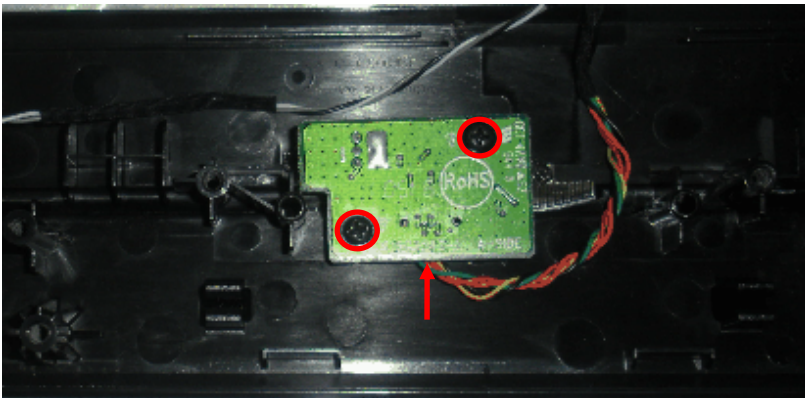


Fig.17

2. Remove the 2 screws and disconnect 1 cable. Detach the Key board as Fig.18.



Fig.18

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

- a. While re-assembling, make sure that all cables are placed and connected in their original position.
- b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

REMOVING OF MAJOR PARTS(LC-32SH330)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view



Fig.19

Back view

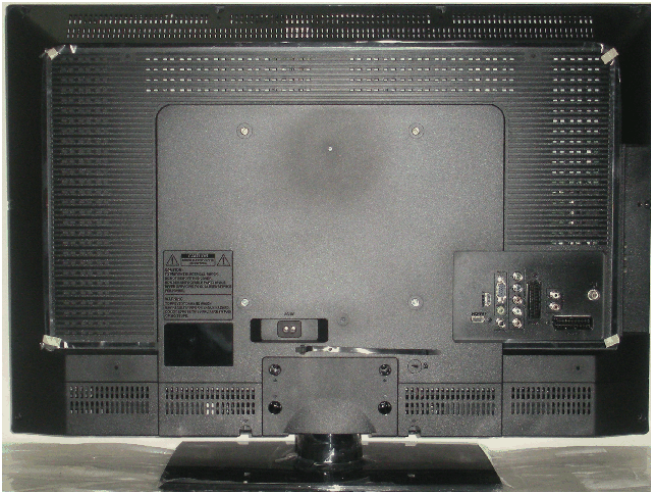


Fig.20

Step 1. Remove the Base Assy.

1. Remove the base as Fig.21.

Remove the 4 screws as Fig.21 and pull out the base as Fig.22



Fig.21

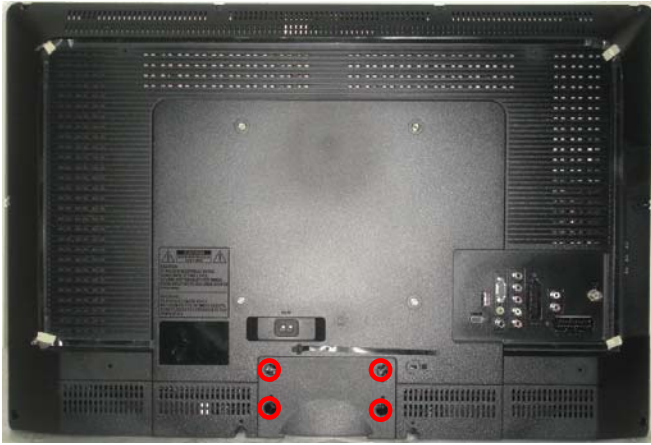


Fig.22

2. Remove the 4 screws. Detach the Neck as Fig.22

Step 2. Remove the REAR COVER Assy.

1. Remove the 13 screws. Detach the REAR COVER as Fig.23.

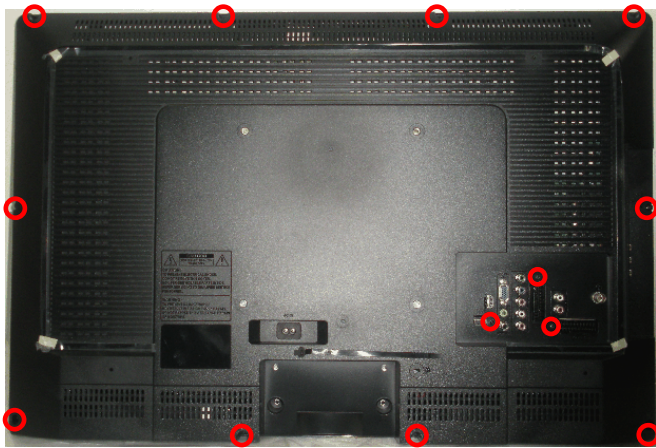


Fig.23

Step 3. Remove the RS232, Main, Power board and the Speakers.



Fig.24

1. Disconnect 5 cables and remove the 8 screws. Detach the Main, RS232 board as Fig.25 and Fig.26.

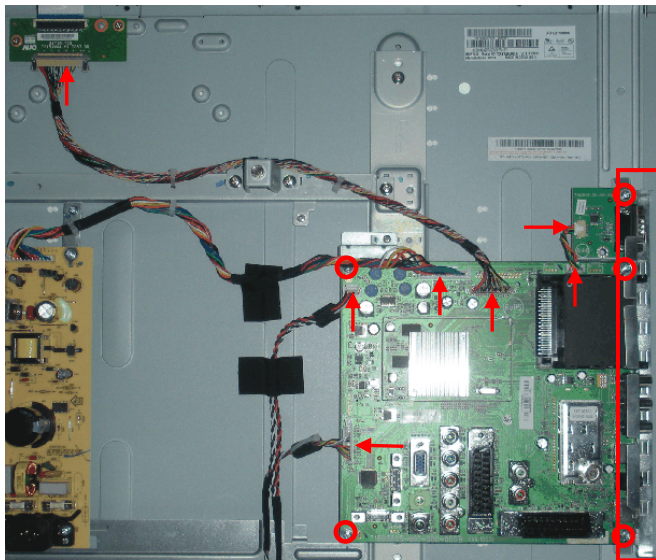


Fig.25



Fig.26

2. Disconnect 1 cable and remove the 5 screws. Detach the Power board as Fig.27.

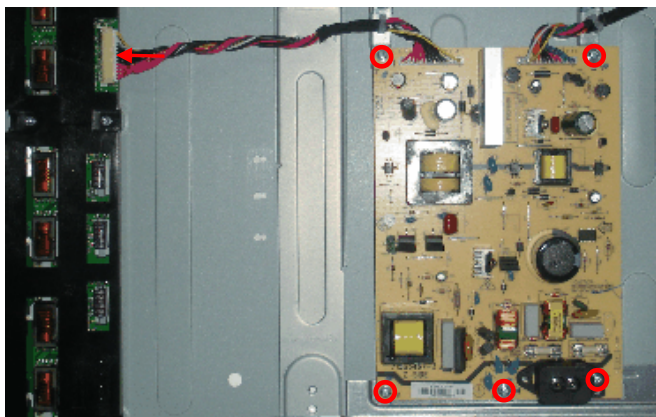


Fig.27

3. Remove the 4 screws. Detach the Speakers as Fig.28.

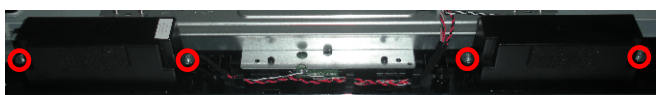


Fig.28

Step 4. Remove the Bracket and Bezel.

1. Remove the 9 screws. Detach the Bracket as Fig.29.

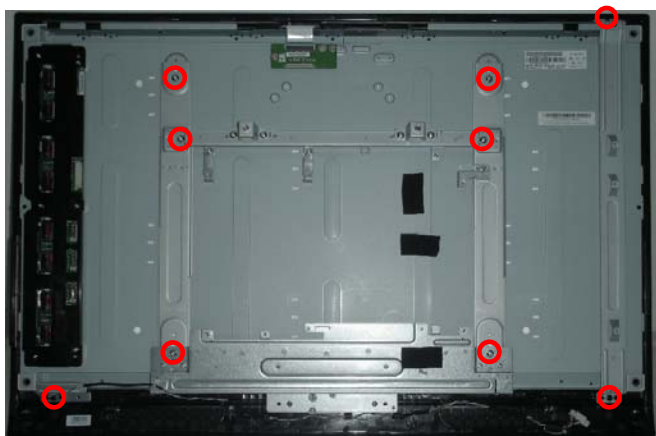
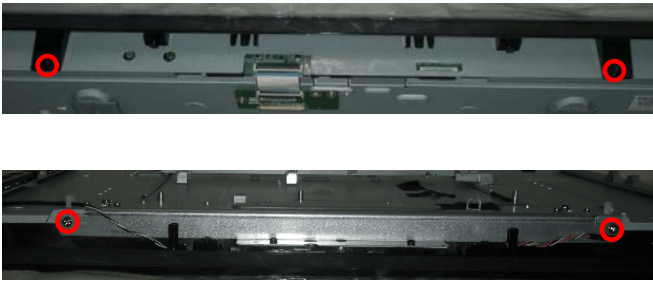


Fig.29

2. Remove the 4 screws. Detach the Bezel as Fig.30.



Panel:

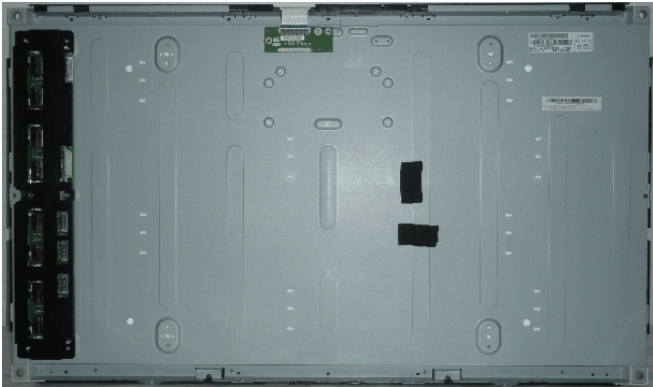


Fig.30

Step 5. Remove the IR and Key board.

1. Remove the 2 screws and disconnect 1 cable. Detach the IR board as Fig.31.

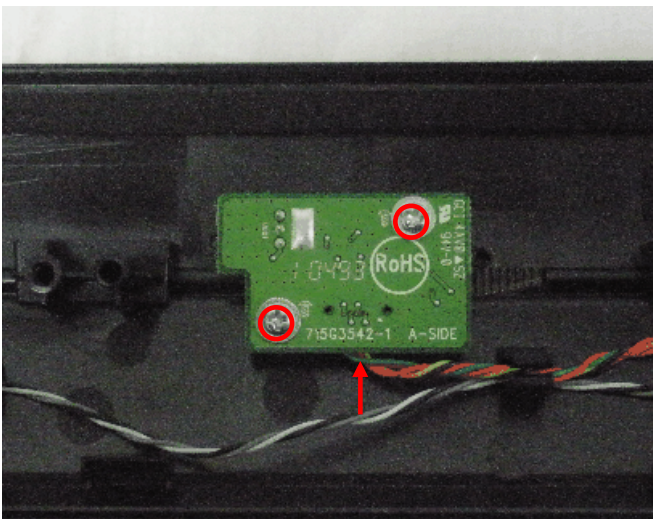


Fig.31

2. Remove the 2 screws and disconnect 1 cable. Detach the Key board as Fig.32.



Fig.32

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

a. While re-assembling, make sure that all cables are placed and connected in their original position.

LC-26SH330, LC-32SH330, LC-42SH330

b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

REMOVING OF MAJOR PARTS(LC-42SH330)

1. Assy/Panel Removal

Notes: Please put your machine on soft material to avoid to scrape panel when you disassemble it.

Front view



Fig.33

Back view

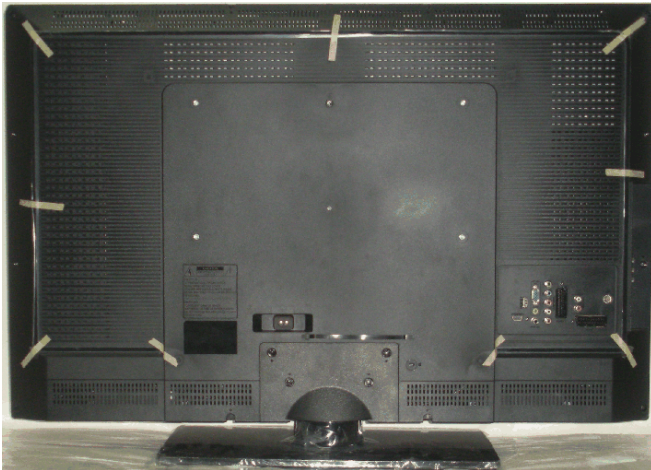


Fig.34

Step 1. Remove the Base Assy.

1. Remove the base as Fig.35.

Remove the 4 screws as Fig.35 and pull out the base as Fig.36



Fig.35

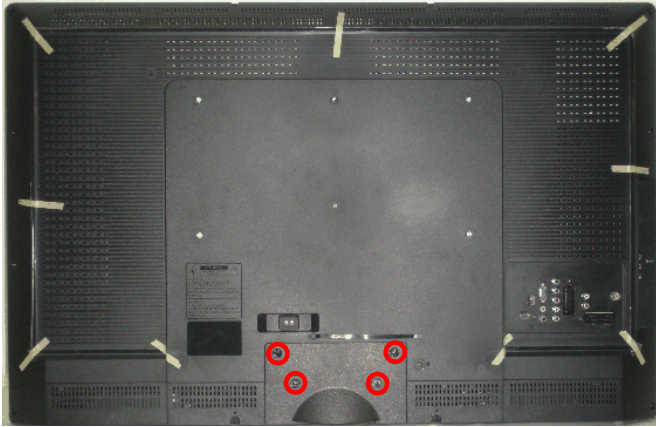


Fig.36

2. Remove the 4 screws. Detach the Neck as Fig.36

Step 2. Remove the REAR COVER Assy.

1. Remove the 16 screws. Detach the REAR COVER as Fig.37.

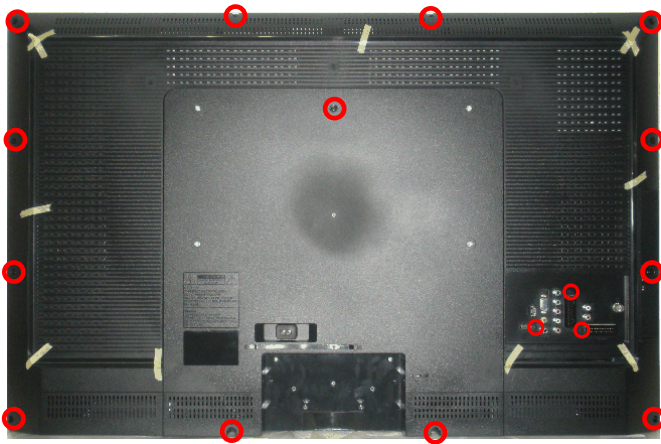


Fig.37

Step 3. Remove the RS232, Main, Power board and the Speakers.

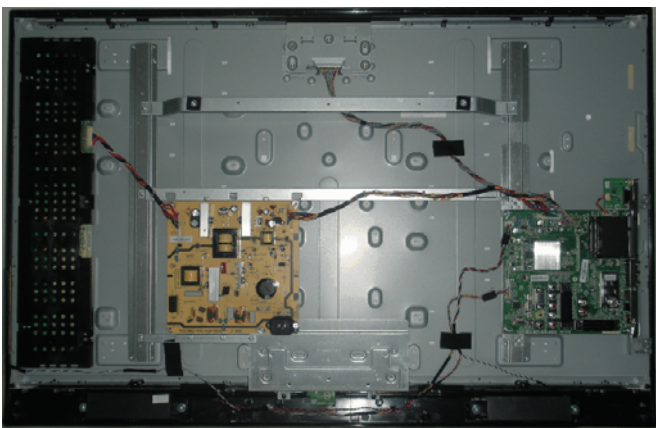


Fig.38

1. Disconnect 5 cables and remove the 8 screws. Detach the Main, RS232 board as Fig.39 and Fig.40.

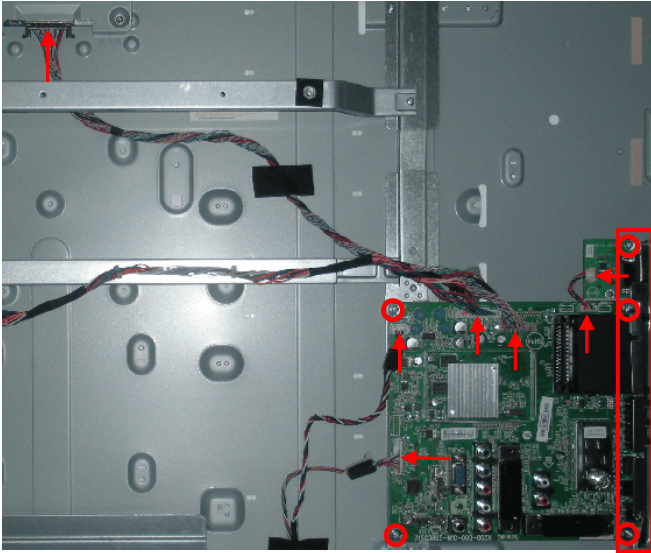


Fig.39



Fig.40

2. Disconnect 1 cable and remove the 5 screws. Detach the Power board as Fig.41.

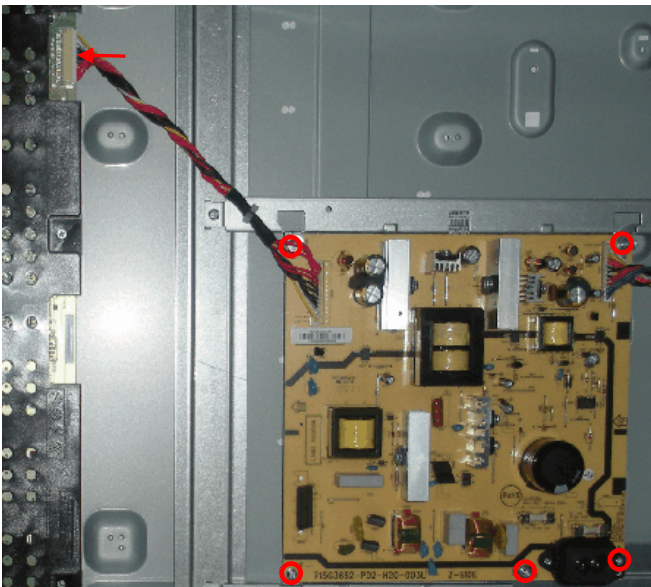


Fig.41

3. Remove the 4 screws. Detach the Speakers as Fig.42.



Fig.42

Step 4. Remove the Bracket and Bezel.

1. Remove the 17 screws. Detach the Bracket as Fig.43, Fig.44 and Fig.45.

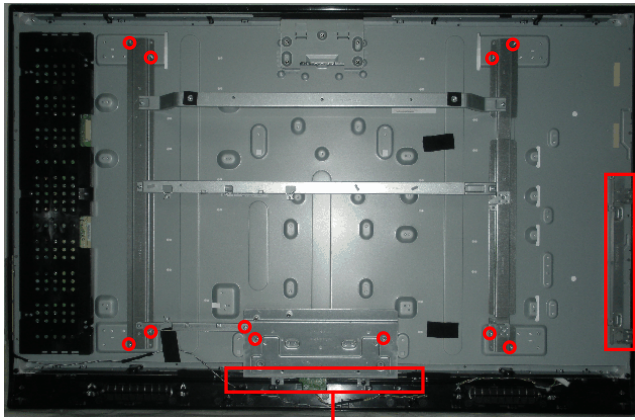


Fig.43



Fig.44



Fig.45

2.Remove the 6 screws as Fig.46 and Fig.47. Detach the Bezel as Fig.48.



Fig.46

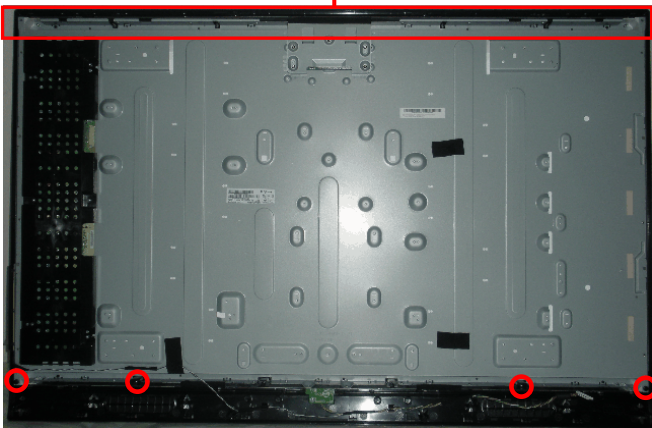


Fig.47

Panel:



Fig.48

Step 5. Remove the IR and Key board.

1. Remove the 2 screws and disconnect 1 cable. Detach the IR board as Fig.49.

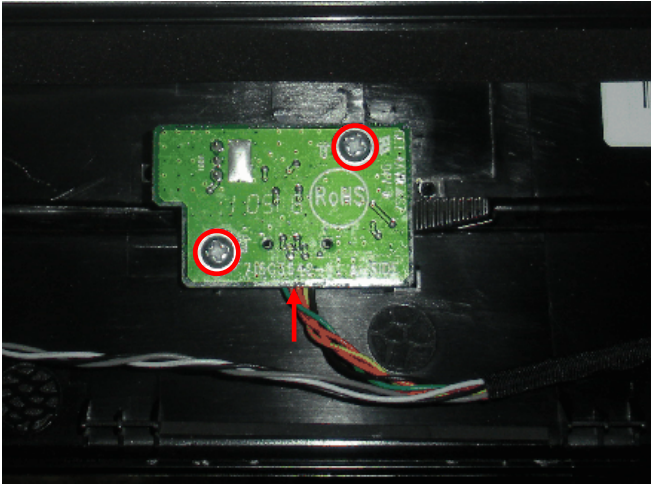


Fig.49

2. Remove the 2 screws and disconnect 1 cable. Detach the Key board as Fig.50.



Fig.50

2. Set Re-assembly

To re-assemble the whole set, execute all processes in reverse order.

Notes:

- a. While re-assembling, make sure that all cables are placed and connected in their original position.
- b. Pay special attention not to damage the EMC foams at the SSB shielding. Check that EMC foams are put correctly on their places.

CHAPTER 3. ADJUSTMENT PROCEDURE

PROCEDURE

[1] ADJUSTMENT PROCEDURE

1. OSD Menu

2K11 Sharp DVB OSD tree-Video					
OSD Layer 1	2	3	4	5	6
Picture	Smart Picture	Personal			
		Standard			
		Vivid			
		Movie			
		Eco			
	Brightness	slider			
	Contrast	slider			
	Color	slider			
	Tint	slider			
	Sharpness	slider			
	Color Temperature	Normal	(default)		
		Cool			
		Warm			
	Advanced Control(have sub page)	Noise Reduction	Off		
			Low		
			Medium		
			HIGH		
			Auto		
		Flesh Tone	On		
			Off		
		Back Light(if DCR is Off)	slider		
		DCR	On		
			Off		
Sound	Sound Mode	Personal			
		Music			
		Speech			
	Equalizer 120Hz	slider			
	Equalizer 500Hz	slider			
	Equalizer 1.5KHz	slider			
	Equalizer 5KHz	slider			
	Equalizer 10KHz	slider			
	Balance	slider			
	Virtual Surround	On			
		Off			
	Digital Audio Out	PCM			
		Off			

		Dolby Digital			
	AVL	Off			
		On			
	Type(if source is DTV)	Normal			
		Hard of Hearing			
		Audio Description			
	Audio Description(if Type=Audio Description)	Volume	slider		
TV	Tuner Mode	Antenna			
		Cable			
	Country(31)	UK			
		Italy			
		Luxembourg			
		Netherlands			
		Norway			
		Sweden			
		Croatia			
		Hungary			
		Ireland			
		Poland			
		Portugal			
		Romania			
		Serbia			
		Slovakia			
		Slovenia			
		Turkey			
		Iceland			
		Russia			
		Ukraine			
		Austria			
		Belgium			
		Bulgaria			
		Switzerland			
		Czech Republic			
		Germany			
		Greece			
		Denmark			
		Spain			
		Finland			
		France			
		Other			
	1st Audio(28)(DTV only)	English			
		Finnish			
		French			

		Gaelic			
		Galician			
		German			
		Greek			
		Hungarian			
		Italian			
		Norwegian			
		Polish			
		Portuguese			
		Romanian			
		Russian			
		Serbian			
		Slovak			
		Slovenian			
		Spanish			
		Swedish			
		Turkish			
		Welsh			
		Basque			
		Bulgarian			
		Catalan			
		Croatian			
		Czech			
		Danish			
		Dutch			
	2nd Audio(28)(DTV only)	English			
		Finnish			
		French			
		Gaelic			
		Galician			
		German			
		Greek			
		Hungarian			
		Italian			
		Norwegian			
		Polish			
		Portuguese			
		Romanian			
		Russian			
		Serbian			
		Slovak			
		Slovenian			
		Spanish			
		Swedish			
		Turkish			
		Welsh			
		Basque			
		Bulgarian			

Features		Catalan			
		Croatian			
		Czech			
		Danish			
		Dutch			
	Channels(have sub page)	Channel Scan	ATV	Status: scanning...	
				Analogue channels:	
			ATV and DTV(if Antenna mode)	Status: scanning...	
				Analogue channels:	
				Digital channels:	
			ATV and DTV(if Cable mode)	Scan Mode	Full/Quick/Advance (There is Quick selection if country is selected Germany,Finland,Norway)
				(if Advance mode select)	Frequency(KHz)
					Modulation =>Auto/16/32/64/128/256 QAM
					Symbol Rate(Ksym/s)
					Network ID
				Scan	Status: scanning...
					Analogue channels:
					Digital channels:
		Update Scan(Only available for Antenna mode)	Status: scanning...		
			Analogue channels:		
			Digital channels:		
		Single RF Scan(if Antenna mode)	RF Channel ..	slider	
			Signal Strength..		
			Signal Quality..		
		Single RF Scan(if Cable mode)	Frequency(KHz)	slider	
			Modulation =>Auto/16/32/64/128/256 QAM		
			Symbol Rate(Ksym/s)		
			Signal Strength..		
		Analog Manual Scan	Start Frequency	xxMHz	
			Scan Up		
			Scan Down		
		Favorite Network Select			
		Channel Skip(have sub page)	(Channel number...)		
		Channel Sort(have sub page)	(Channel number...)		
		Channel Edit(have sub page)	(Channel number...)		
		Decoder(for ATV)	(Channel number...)		
		Analog Ch Fine Tune	(Channel number...) (have sub page)	(do fine tune)	
		Clean Channel List			
	Menu Language(28)	English			
		Deutsch			

		Français			
		Italiano			
		Español			
		Português			
		Nederlands			
		Български			
		Dansk			
		Suomi			
		Svenska			
		Norsk			
		Polski			
		Русский			
		Česky			
		Hrvatski			
		Magyar			
		Română			
		Slovenský			
		Slovenščina			
		Srpski			
		Türkçe			
		Ελληνικά			
		Gaeilge			
		Latviski			
		Eesti			
		Lietuviskai			
		українська			
	4:3 mode	4:3			
		16:9			
	Picture Format(if video exist)	Auto			
		Normal			
		Zoom1			
		Zoom2			
		Wide			
	Time (have sub page)	Time Zone	As Broadcaster		
			GMT +0:00		
			GMT +1:00		
			GMT +2:00		
			GMT +3:00		
			GMT +3:30		
			GMT +4:00		
			GMT +4:30		
			GMT +5:00		
			GMT +5:30		
			GMT +5:45		
			GMT +6:00		
			GMT +6:30		
			GMT +7:00		
			GMT +8:00		

			GMT +9:00		
			GMT +9:30		
			GMT +10:00		
			GMT +11:00		
			GMT +12:00		
			GMT +12:45		
			GMT +13:00		
			GMT -12:00		
			GMT -11:00		
			GMT -10:00		
			GMT -9:00		
			GMT -8:00		
			GMT -7:00		
			GMT -6:00		
			GMT -5:00		
			GMT -4:00		
			GMT -3:30		
			GMT -3:00		
			GMT -2:00		
			GMT -1:00		
	Time(have sub page)	Auto synchronization (On/Off)			
			Date (20xx/xx/xx)		
			Time (xx:xx:xx)		
			Timer (Off/On)		
	Sleep Timer	Off Time (xx:xx:xx)			
			Off		
			10 Min		
			20 Min		
			30 Min		
			40 Min		
			50 Min		
			60 Min		
			90 Min		
			120 Min		
SCART(have sub page) (Only available in SCART source)	SCART1	Auto			
			Mixed		
			RGB		
			Composite		
			S-Video		
	SCART2(If have I/O)	Auto			
			Composite		
			S-Video		
Subtitle(have sub page)	Analog Subtitle	On			
			On during mute		
			Off		
	1st Subtitle(28)	English			
			Finnish		

		French		
		Gaelic		
		Galician		
		German		
		Greek		
		Hungarian		
		Italian		
		Norwegian		
		Polish		
		Portuguese		
		Romanian		
		Russian		
		Serbian		
		Slovak		
		Slovenian		
		Spanish		
		Swedish		
		Turkish		
		Welsh		
		Off		
		Basque		
		Bulgarian		
		Catalan		
		Croatian		
		Czech		
		Danish		
		Dutch		
	2nd Subtitle(28)	English		
		Finnish		
		French		
		Gaelic		
		Galician		
		German		
		Greek		
		Hungarian		
		Italian		
		Norwegian		
		Polish		
		Portuguese		
		Romanian		
		Russian		
		Serbian		
		Slovak		
		Slovenian		
		Spanish		

						Swedish		
						Turkish		
						Welsh		
						Off		
						Basque		
						Bulgarian		
						Catalan		
						Croatian		
						Czech		
						Danish		
						Dutch		
	Subtitle Type					Normal		
						Hearing Impaired		
	Teletext Language(have sub page)	Digital Lang.	Teletext			English		
						Finnish		
						French		
						Gaelic		
						Galician		
						German		
						Greek		
						Hungarian		
						Italian		
						Norwegian		
						Polish		
						Portuguese		
						Romanian		
						Russian		
						Serbian		
						Slovak		
						Slovenian		
						Spanish		
						Swedish		
						Turkish		
						Welsh		
						Basque		
						Bulgarian		
						Catalan		
						Croatian		
						Czech		
						Danish		
						Dutch		
		Decode Lang.	Page			WEST EUR		
						EAST EUR		
						Russia		
						Russia-2		
						Greek		
						Turkey		
						Arab/Hbrw		

			Farsian		
			Arab		
			BYELORUSSIAN		
	Common Interface(have sub page)	(display some info & status..)			
	HDMI Scan Info (Only available in HDMI source)	Automatic			
		Underscan			
		Overscan			
	Manual OAD Download				
	Reset Default				
	DivX(R) Registration				
Parental	DivX(R) Deactivation				
	SW Ver.				
		Channel Block(have sub page)	(Channel number...)		
		Time Interval Lock (Only available for country is selected "Norway")	Lock Type	None	
				Everyday	
				Sunday	
				Monday	
				Tuesday	
				Wednesday	
				Thursday	
				Friday	
				Saturday	
			Start Time	(xx:xx:xx)	
			End Time	(xx:xx:xx)	
	Password(have sub page)	Parental Guidance(have sub page)	Age Rating	18	
				None	
				4	
				5	
				6	
				7	
				8	
				9	
				10	
				11	
				12	
				13	
				14	
				15	
				16	
				17	
	Input Block(have sub page)	(Source list..) (TV,YPbPr,AV,SCART,PC,HDMI)			
	Set password (have sub page)	New Password (xxxx)			

			Confirm Password (xxxx)		
		Clear All			
Eco	Eco	Off			
		On			

2K11 Sharp DVB OSD tree--PC					
OSD Layer 1	2	3	4	5	6
Picture	Brightness	slider			
	Contrast	slider			
	Color Temperature	Normal	(default)		
		Cool			
		Warm			
	Advanced Video(have sub page)	Auto Config	Auto Config		
		Horizontal	slider		
		Vertical	slider		
		Phase	slider		
		Clock	slider		
		Resolution(if ambiguous timings)	1360*768		
			1024*768		
			1280*768		
Sound	Sound Mode	Personal			
		Music			
		Speech			
	Equalizer 120Hz	slider			
	Equalizer 500Hz	slider			
	Equalizer 1.5KHz	slider			
	Equalizer 5KHz	slider			
	Equalizer 10KHz	slider			
	Balance	slider			
	Virtual Surround	On			
		Off			
	Digital Audio Out	PCM			
		Off			
		Dolby Digital			
Features	Menu Language(28)	English			
		Deutsch			
		Français			
		Italiano			
		Español			
		Português			
		Nederlands			
		Български			
		Dansk			
		Suomi			
		Svenska			

		Norsk			
		Polski			
		Русский			
		Česky			
		Hrvatski			
		Magyar			
		Română			
		Slovenský			
		Slovenščina			
		Srpski			
		Türkçe			
		Ελληνικά			
		Gaeilge			
		Latviski			
		Eesti			
		Lietuviskai			
		українська			
	Picture Format	Full screen			
		Native (if is native timing)			
		4:3			
	Reset Default				
	DivX(R) Registration				
	DivX(R) Deactivation				
	SW Ver.				
Parental	Password(have sub page)	Time Interval Lock (Only available for country is selected "Norway")	Lock Type	None	
				Everyday	
				Sunday	
				Monday	
				Tuesday	
				Wednesday	
				Thursday	
				Friday	
				Saturday	
			Start Time	(xx:xx:xx)	
			End Time	(xx:xx:xx)	
		Parental Guidance(have sub page)	Age Rating	18	
				None	
				4	
				5	
				6	
				7	
				8	
				9	
				10	
				11	
				12	
				13	

				14	
				15	
				16	
				17	
		Input Block(have sub page)	(Source list..) (TV,YPbPr,AV,SCART,PC,HDMI)		
		Set password (have sub page)	New Password (xxxx)		
			Confirm Password (xxxx)		
		Clear All			
	Eco	Off			
		On			

2. Display adjustment

YPbPr Mode display adjustment

1) Auto color for signal slicing

General set-up :

Equipment Requirements: Minolta CA-110 or Equivalent Color analyzer, Quantum Data Pattern Generator 802G , 802BT or equivalent instrument

Input requirements:

Input Signal Type: YPbPr signal

1>. 1080i/25mode, TVBar100 pattern by 802G or 802BT.

2>. Select Picture mode to User mode and check the x, y data.

Input Signal Strength : 1 Vpp for Y signal ; 700 mVpp for Pb & Pr signal

Input Injection Point : YPbPr (RAC jack)

1080i/25, TVBar100 pattern



Alignment method:

Initial Set-up:

1>. Select source as "YPbPr".

2>. Set Smart Picture mode as "Personal" and then adjust Contrast = 58, Brightness=48, Color=58, set Color Temp. to be "cool" mode.

3>. Apply "TVBar100" pattern which is color bar pattern by signal generator.

4>. Enter "factory mode menu": press MENU + Numeric keys "1999"

Alignment:

1>. At factory mode menu, select AUTO_COLOR item. Then press "OK" key of remote control to adjust ADC_GAIN_R, ADC_GAIN_G, ADC_GAIN_B and ADC_OFFSET_R, ADC_OFFSET_G, ADC_OFFSET_B. Then store those values to NVM.

2>. Check the 16 grayscale pattern should be distinguished and color bar is correct

3>. Reset AV setting, picture mode shall be recalled to be "Vivid" and Contrast=58, Brightness=48; Color=58.

2) White balance adjustment

Alignment method:

Initial Set-up:

1>. Select source as "YPbPr".

2>. Set Contrast = 58 and Brightness=48, Color=58, at normal menu mode.

3>. Apply "80% white pattern or Flat 80 pattern" by Component video generator.

4>. Enter factory mode menu: press MENU + Numeric keys 1999.

Alignment:

1>. Apply Flat80 pattern (80% white pattern).

2>. Set color temperature to "NORMAL".

3>. At factory mode menu, adjust the CLR TEMP R, CLR TEMP G, CLR TEMP B values to meet "NORMAL" color coordinates specification below.

Then store those values to NVM

4>. Set color temperature to "COOL".

5>. At factory mode menu, adjust the CLR TEMP R, CLR TEMP G, CLR TEMP B values to meet "COOL" color coordinates specification below.

Then store those values to NVM

6>. Set color temperature to "WARM".

7>. At factory mode menu, adjust the CLR TEMP R, CLR TEMP G, CLR TEMP B values to meet "WARM" color coordinates specification below.

Then store those values to NVM

Color temperature Normal/Warm/Cool (x, y) co-ordinates specification:

Picture Mode	x	y
Normal (9000°K)	0.289±0.003	0.291±0.003
Cool (12000°K)	0.272±0.003	0.277±0.003
Warm (6500°K)	0.314±0.003	0.319±0.003

Reading with Minolta CA-210.

Note:

1>. Use Minolta CA-210 for color coordinates and luminance check.

2>. Before adjusting, all colour analyzers (CA-210) should be coordinates with a same reference TV set.

3>. Check the luminance in the center of the screen with 100% White when Brightness control at 100; Contrast control at 100

Luminance > 350 **cd/m²** << For 26" only at color temp.- cool mode >>

> 360 **cd/m²** << For 32" only at color temp.- cool mode >>

> 320 **cd/m²** << For 42" only at color temp.- cool mode >>

PC mode display adjustment

1) Auto color for signal slicing

General set-up :

Equipment Requirements: Minolta CA-210 or Equivalent Color analyzer, Chroma 2250 or equivalent PC signal generator

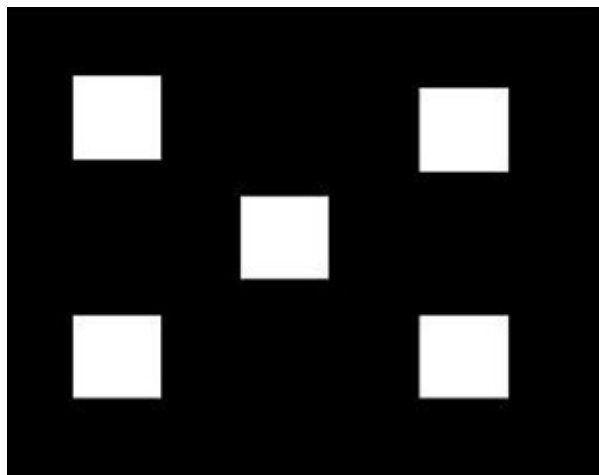
Input requirements:

Input Signal Type : PC VGA signal

1>. **1024X768/60Hz** PC mode with "**5 white block**" pattern. (see pattern-1)

Input Signal Strength : 0.7 Vp-p linear voltage.

Input Injection Point : PC D-SUB input



Pattern-1

Alignment method:

Initial Set-up:

1>. Select source as "PC".

2>. Set Contrast = 50 (Sharp) and Brightness=100 (Sharp) , at normal menu mode.

3>. Apply "**5 white block**"(**pattern-1**) pattern by VGA pattern generator.

4>. Enter factory mode menu: press MENU + Numeric keys "1999" (factory mode menu).

Alignment:

1>. At factory mode menu, select AUTO_COLOR item. Then press "OK" key to adjust ADC_GAIN_R, ADC_GAIN_G, ADC_GAIN_B and ADC_OFFSET_R, ADC_OFFSET_G, ADC_OFFSET_B. Then store those values to NVM.

Set Contrast = 100 (Sharp) and Brightness=100 (Sharp)

Check color temperature specification with PC mode.

Color temperature Normal/Warm/Cool (x, y) co-ordinates specification:

Picture Mode	x	y
Normal (9000°K)	0.289±0.015	0.291±0.015
Cool (12000°K)	0.272±0.010	0.277±0.010
Warm (6500°K)	0.314±0.015	0.319±0.015

Reading with Minolta CA-210.

Note:

1. Use Minolta CA-210 for color coordinates and luminance check.
2. Before checking, all colour analyzers (CA-210) should be coordinates with a same reference TV set. The RGB Gain should not exceed 128 when adjust the white balance
3. Check the luminance in the center of the screen with 100% White when Brightness control at 100; Contrast control at 100

Luminance > 350 **cd/m²** << For 26" only at color temp.- cool mode >>

> 360 **cd/m²** << For 32" only at color temp.- cool mode >>

>320 **cd/m²** << For 42" only at color temp.- cool mode >>

3. Factory mode preset.

Default Values

Item	Setting	Remark
BRAND	Sharp 2K9 EU	
Date	APR 28 2009	
Ver	Vx.xx	
Model name	LC-26SH330	For 26"
	LC-32SH330	For 32"
	LC-42SH330	For 42"
Scaler	MT5363	
Tuner Type	NXP FH2607 LG TDTW-S810D	
Panel Type	T260XW04 V7: AUO	For 26"
	T315XW04 V1: AUO	For 32"
	T420HW09 V0: AUO	For 42"
Current source	xxxx	

Item	Setting		Remark
Auto color	No		
	YPbPr	PC mode	
ADC R gain	128	128	
ADC G gain	128	128	
ADC B gain	128	128	
ADC R Offset	128	128	
ADC G Offset	128	128	
ADC B Offset	128	128	

Note: These above values will be changed after doing "AUTO_COLOR" at FAC mode menu.

Item	Setting			Remark
Color Temp	Normal			
	Cool	Normal	Warm	
Scaler R Gain	128	128	128	
Scaler G Gain	128	128	128	
Scaler B Gain	128	128	128	
Scaler R Offset	128	128	128	
Scaler G Offset	128	128	128	
Scaler B Offset	128	128	128	

Note: These above values will be changed after doing "White-D Alignment" at FAC mode menu.

The alignment is doing in the YPbPr mode.

Item	Setting	Remark
Burn in	No	

EEPROM init.	Press			
Back LIT Time	0 Hr			
Back Light Max	26"	32"	42"	
	0	0	0	
Back Light Min	26"	32"	42"	
	208	208	208	
Language	English			
Reset	Press			
OAD Enable	Yes			
VGA	EDID			

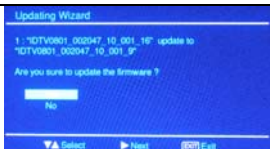
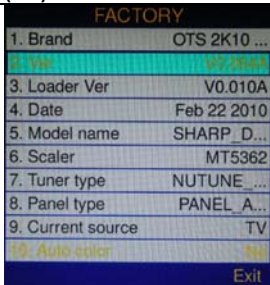
[2] SERVICE MODE

Enter factory mode menu: press MENU + Numeric keys "1999" to enter factory mode.

FACTORY	
1. Brand	SHARP_F...
2. Ver	V0.23DL
3. Loader Ver	V0.050A
4. Date	Dec 16 2010
5. Model name	SHARP_D...
6. Scaler	MT5363H
7. Tuner type	LG_TDTW...
8. Panel type	PANEL_A...
9. Current source	TV
10. Auto color	No
Exit	

FACTORY	
33. BAUD RATE	9600
34. VGA UART	DISABLE
35. EFUSE	DISABLE
36. Rotate Screen	DISABLE
37. Lip Sync SPK	0
38. Lip Sync HP	0
39. Lip Sync SPDIF	0
40. Update CI+	Press
41. Query CI +	Press
42.NETWORK CH...	ENABLE
Exit	

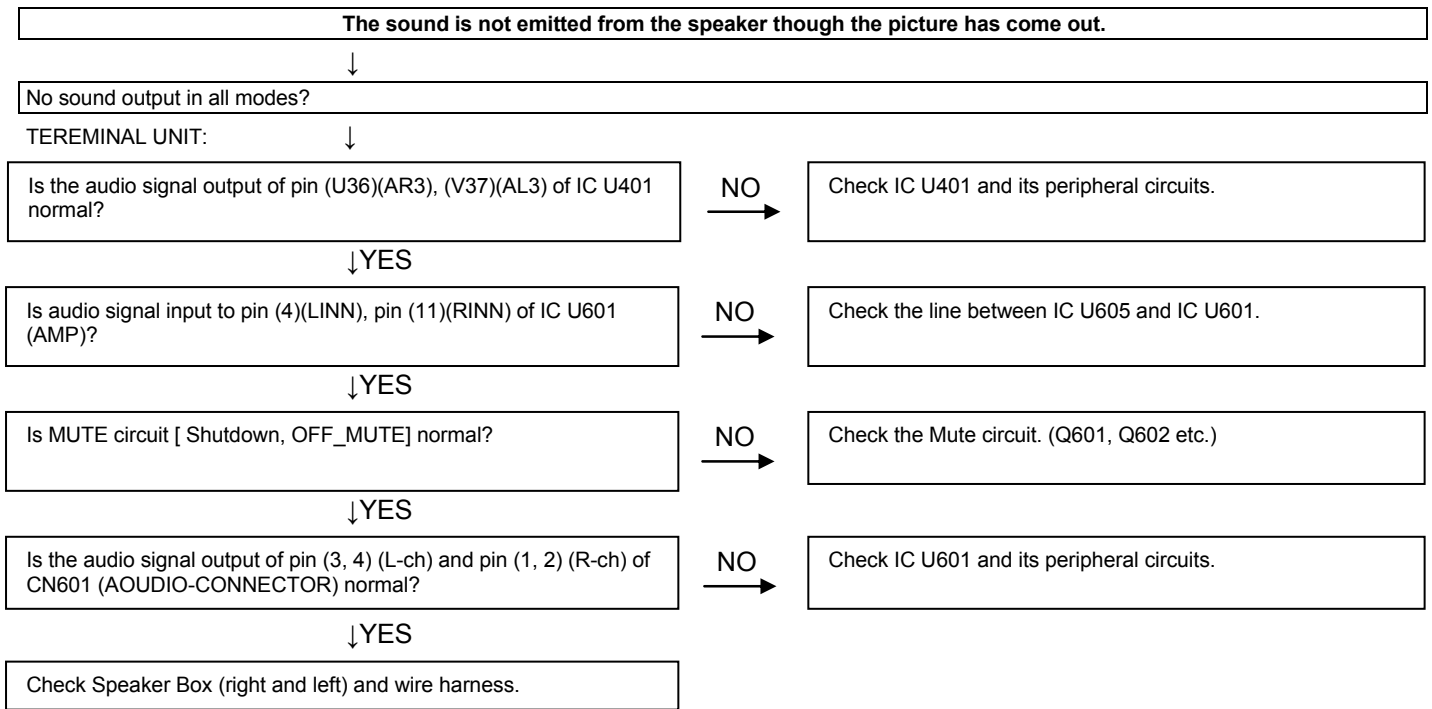
[3] SOFTWARE UPGRADE PROCEDURE

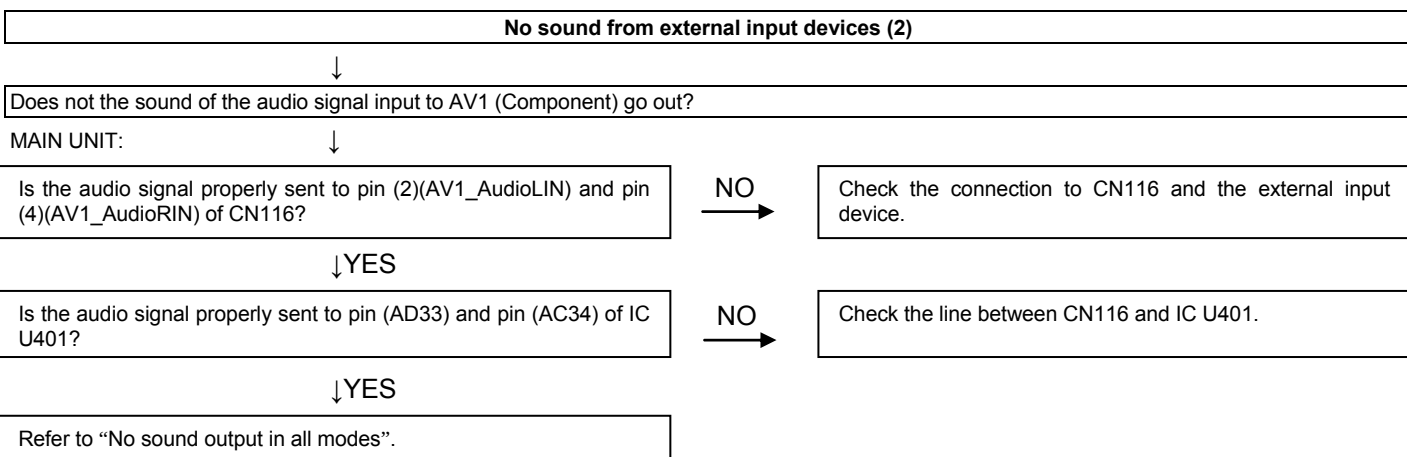
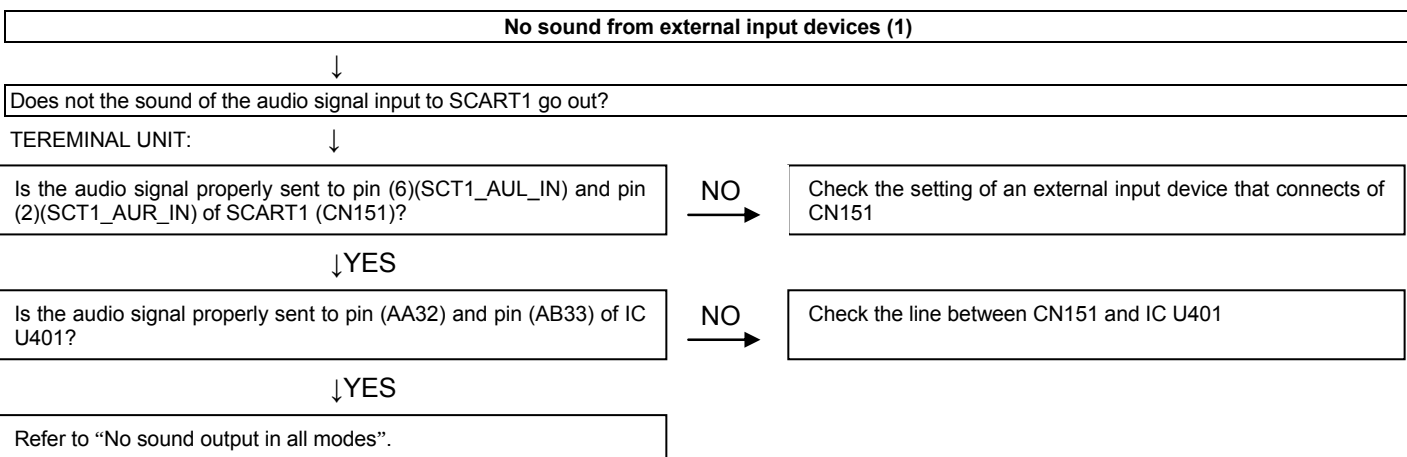
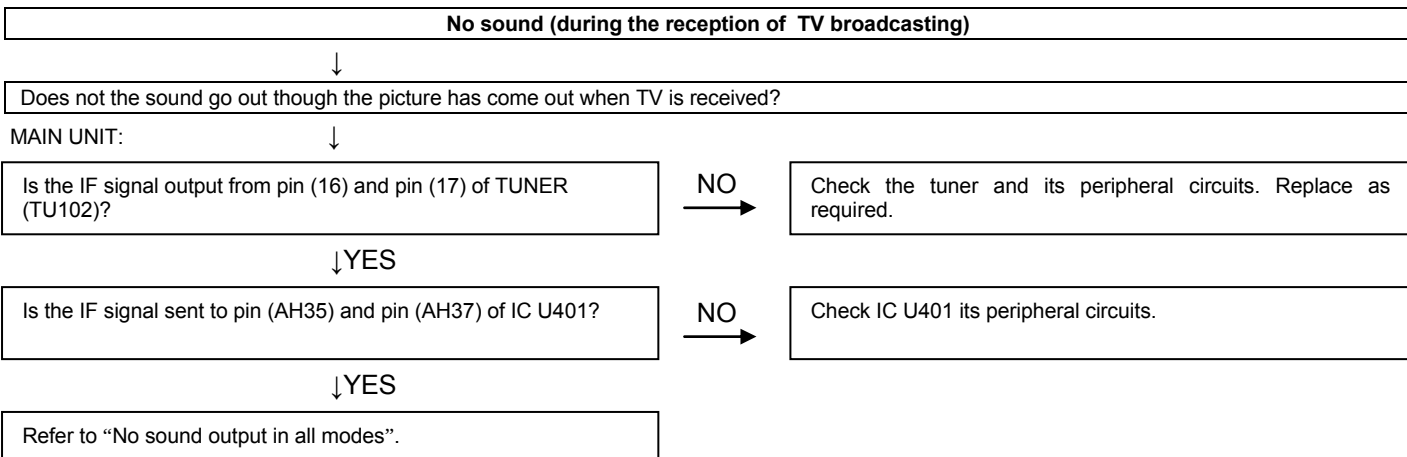
Sharp model Firmware upgrade SOP by USB flash drives			
Flow chart	Step	Photo	Remark
1. Equipment and warm-up	1、USB flash drives(need USB2.0) 2、Upgrade firmware		Need USB2.0
2.Upgrade step	1、Copy the firmware from your computer to the USB flash drives.		
	2、Change firmware name to upgrade.pkg		Please check the firmware name again before rework.
	3、AC ON (Figure3.1、Figure3.2)	 (3.1)  (3.2)	
	4、Plug the USB flash drives into the USB port (service port) on the side I/O port of TV.(Figure 3.3)	 (3.3)	
	5、DC ON (You can use Keypad or Remote control power key)		
	6、When display Upgrade MENU (Figure 3.4), select "Yes" by remote control to implement update firmware	 (3.4)	If there is no display upgrade MENU,can you DC ON/OFF once more
	7、When finished upgrade 100%,Please remove the USB flash drives then press "Power" to renew the TV(Figure3.5)	 (3.5)	
	8、Press "MENU"+1999 to enter factory Menu by remote control. Then select "2.Main MCU Ver" to check upgrade firmware Version(Figure3.6)	 (3.6)	
	9、Implement "Exit" Icon to exit factory Menu . After exit factory mode, pls power off then turn off the AC power. congratulation, upgrade step is finish.		

CHAPTER 4. TROUBLESHOOTING TABLE

[1] 26" TROUBLESHOOTING TABLE

Power unit operation check.		
↓ Are the power cord and harness in the unit properly connected?	NO	Connect the power cord and harness properly, and turn on the power.
	→	
LINE_FILTER_UNIT: ↓ YES Is F901/F902 normal?	NO	LINE_FILTER_UNIT: Isn't RV901,L901,C904,L902,C903,C902,RV903, etc. out of order? Moreover, whether the short-circuit with the circumference circuit is checked.
	→	POWER_UNIT: BD901, FB905, C905, etc. out of order? Moreover, whether the short-circuit with the circumference circuit is checked.
POWER_UNIT ↓ YES Is BD901 (+320V) output? (Set the main power SW to OFF.) * When power on/off switch is on . . . About +400V	NO	Does the PFC circuit operate normally? (L906, Q901, D902, D903, IC901 and etc. And, the circuit around the protection circuit etc. is checked.)
	→	
↓ YES Is a voltage of +5V applied to pin (12,13) of connector (CN902)? (Set the main power SW to OFF.)	NO	Does the switching circuit operate normally? Check circuit around the primary side (T901, IC931, Q931, ZD931, ZD930, ZD980, ZD981, etc.), the secondary side (D935, L980, etc.), the AC_DET circuit (IC932, IC982, etc.), and the protection circuit.
	→	
↓ YES Are +24V output as for the power on/off switch when it is on?	NO	Does the inverter circuit operate normally? Check circuit around the primary side (T902,Q951,Q952,IC951, D951,D952, etc.), the secondary side (D955, L932, ZD967, IC952, IC953, etc.), the STANDBY circuit (Q988, etc.), and the protection circuit.
	→	
↓ YES Similarly, is +12V output as for the power on/off switch when it is on?	NO	Check +12V circuit of D956, L931, etc.
	→	





No sound from external input devices (3)

Does not the sound of the audio signal input to AV3(Composite) go out?

MAIN UNIT:



Is the audio signal properly sent to pin (4)(AV3_AudioLIN) and pin (6)(AV3_AudioRIN) of CN136?

NO →

Check the connection to CN136 and the external input device.

↓ YES

Is the audio signal properly sent to pin (AD35) and pin (AB35) of IC U401?

NO →

Check the line between CN136 and IC U401.

↓ YES

Refer to "No sound output in all modes".

No sound from external input devices (4)

Does not the sound of the audio signal input to VGA go out?

MAIN UNIT:



Is the audio signal properly sent to pin (2)(VGA_AudioLIN) and pin (3)(VGA_AudioRIN) of CN102?

NO →

Check the connection to CN102 and the external input device.

↓ YES

Is the audio signal properly sent to pin (AA36) and pin (Y37) of IC U401?

NO →

Check the line between CN102 and IC U401.

↓ YES

Refer to "No sound output in all modes".

No sound from external input devices (5)

Does not the sound of the audio signal input to HDMI go out?



Is picture of the signal input from HDMI displayed?

NO →

Refer to "Does not the picture of the HDMI signal input to HDMI go out?".

↓ YES

Refer to "No sound output in all modes".

The audio signal is not output (1)

The audio signal of UHF/VHF is not output from SCART1.

TEREMINAL UNIT:

Is audio signal output from IC U106 sent to pin (3)(SCT1_AUL_OUT) and pin(1)(SCT1_AUR_OUT) of SCART1(CN151)?

YES
→

Check the connection to SCART1 and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2) (1IN-) and pin (6) (2IN-)of IC U106?

YES
→

Check the line between IC U401 and IC U106.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (2)

No audio signal output from LINE_AUDIO_OUTPUT terminal.

TEREMINAL UNIT:

Is audio signal output from IC U107 sent to pin(4)(Audio_Line_Out_L) and pin (6)(Audio_Line_Out_R) of LINE_AUDIO_OUT connector(CN140)?

YES
→

Check the connection to LINE_AUDIO_OUT and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2) (1IN-) and pin (6) (2IN-)of IC U107?

YES
→

Check the line between IC U401 and IC U107.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (3)

No audio signal output from SPDIF_OUTPUT terminal.

TEREMINAL UNIT:

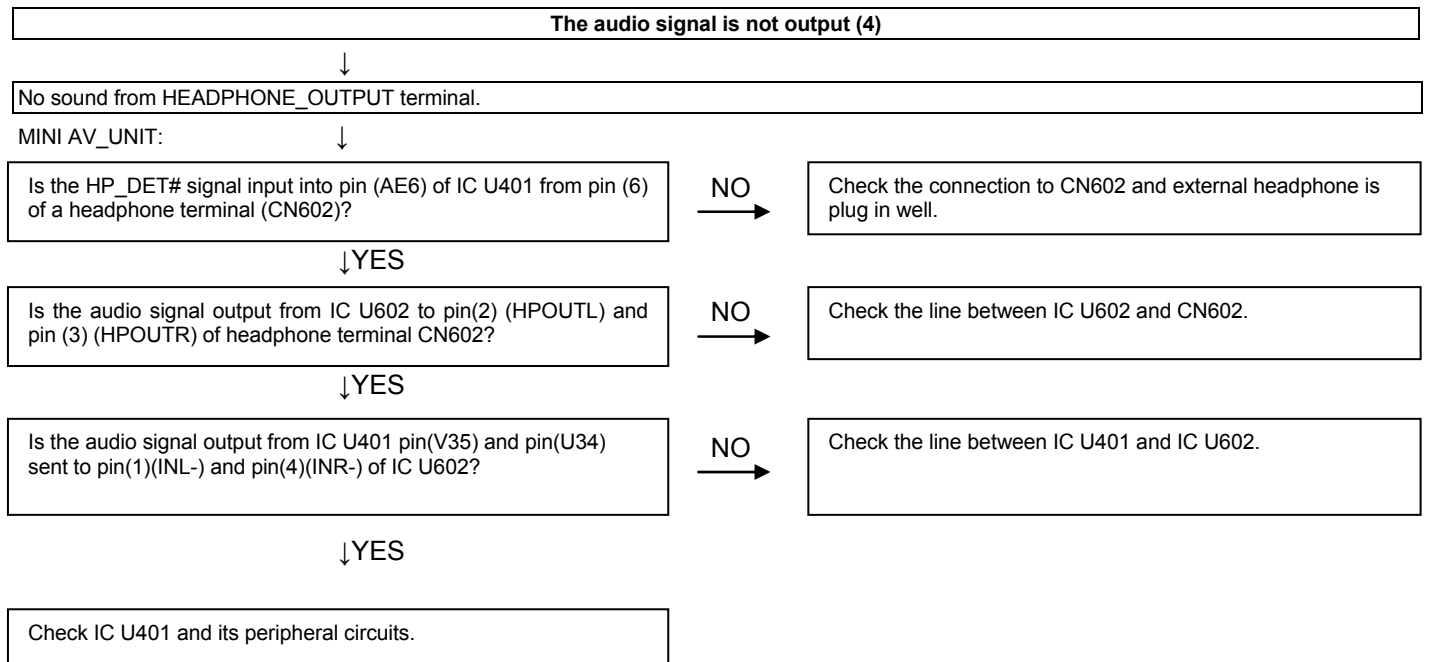
Is ASPDIF audio signal output from pin (K33) of IC U401 to pin (6) of connector CN116?

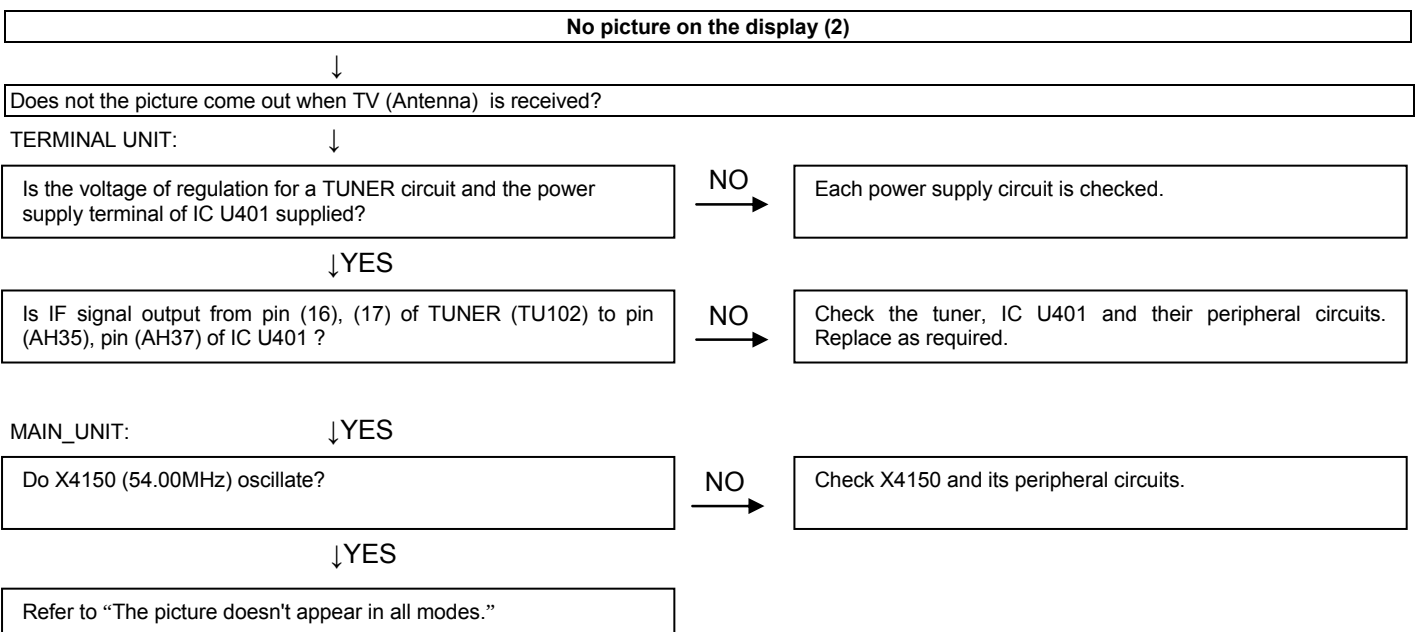
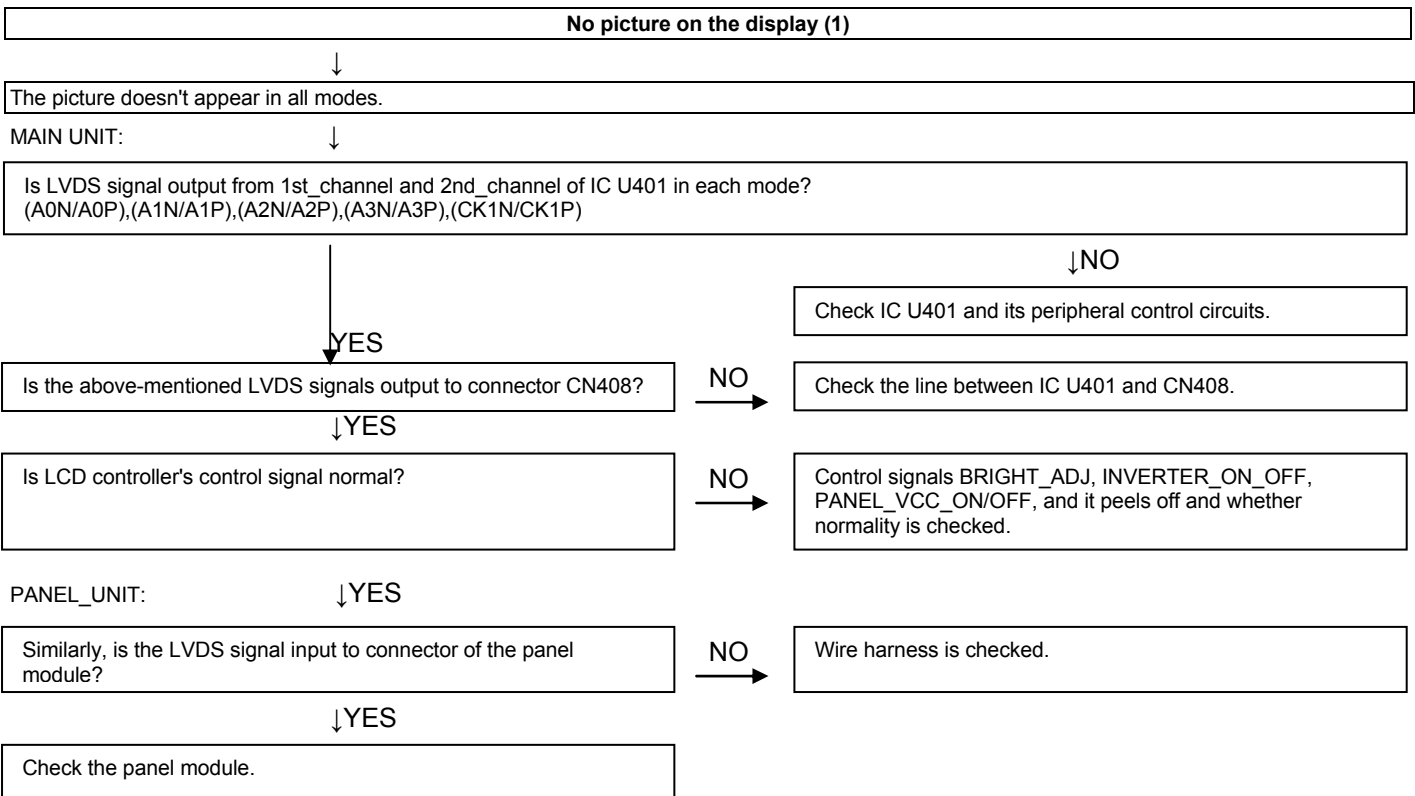
YES
→

Check the connection to SPDIF_OUT and external devices.

↓NO

Check IC U401 and its peripheral circuits.





No picture on the display (3)

Does not the picture come out when TV (Cable) is received?

TERMINAL UNIT:

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied?

NO →

Each power supply circuit is checked.

↓ YES

Is IF signal output from pin (16), (17) of TUNER (TU102) to pin (29), pin (30) of IC U101 ?

NO →

Check the tuner, IC U101 and their peripheral circuits. Replace as required.

↓ YES

Is MPEG data (CI_INDATAB0, TSYNC, TCK) signal from pin (11), (8) (9) of IC U101 are output to IC U401?

NO →

Check IC U101 and their peripheral circuits. Replace as required.

MAIN_UNIT:

↓ YES

Do X4150 (54.00MHz) oscillate?

NO →

Check X4150 and its peripheral circuits.

↓ YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1>No picture on the display (4)

Does not the picture of the CVBS signal input to SCART1 go out?

TERMINAL UNIT:

Is CVBS signal sent to pin (20) of SCART1 (CN151)?

NO →

Check the setting of an external input device that connects of CN151.

MAIN_UNIT:

↓ YES

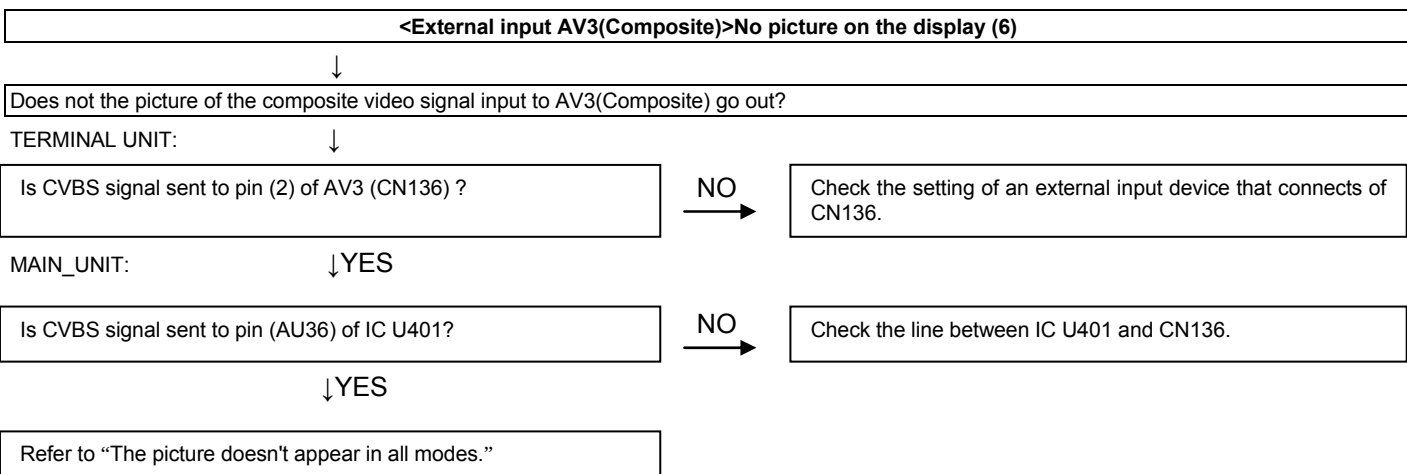
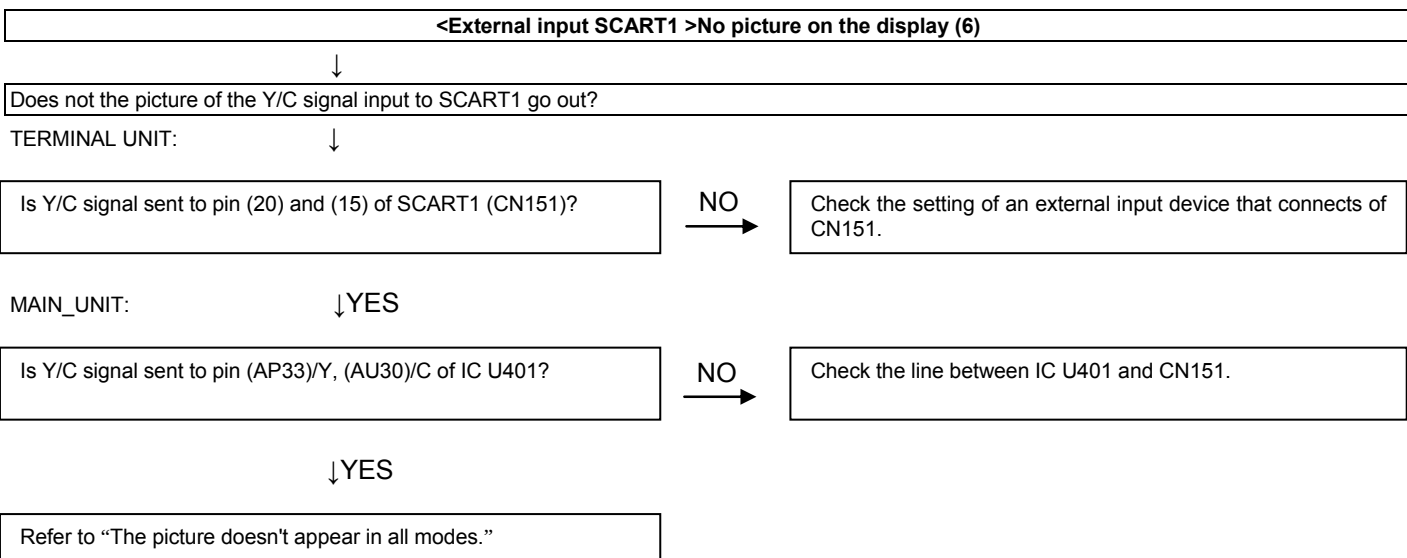
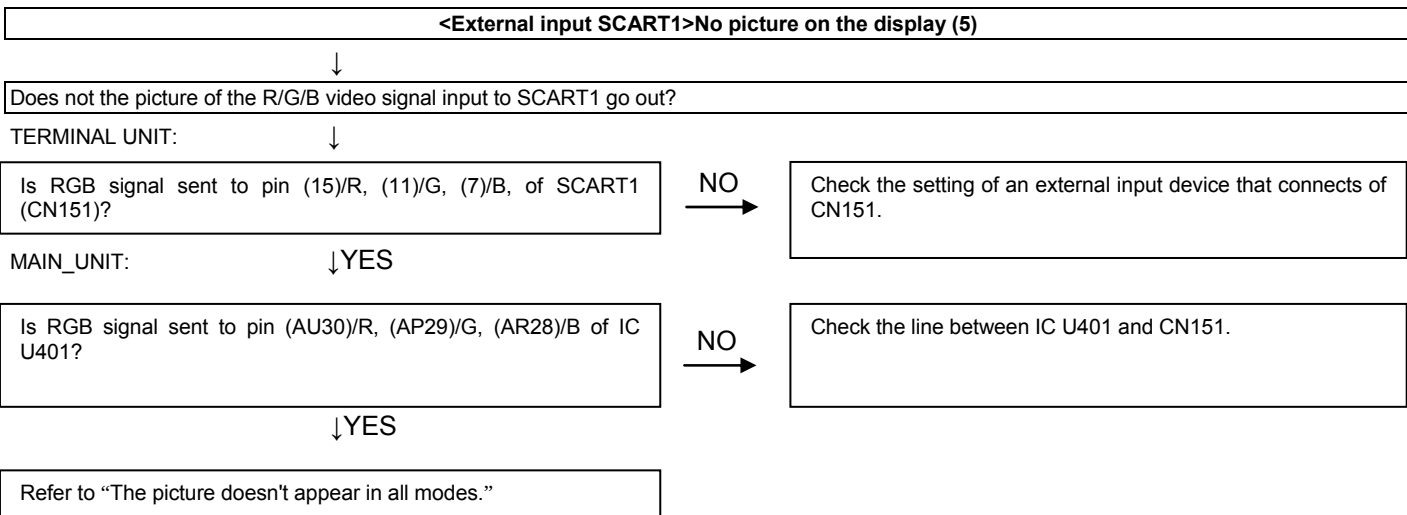
Is CVBS signal sent to pin (AP33) of IC U401?

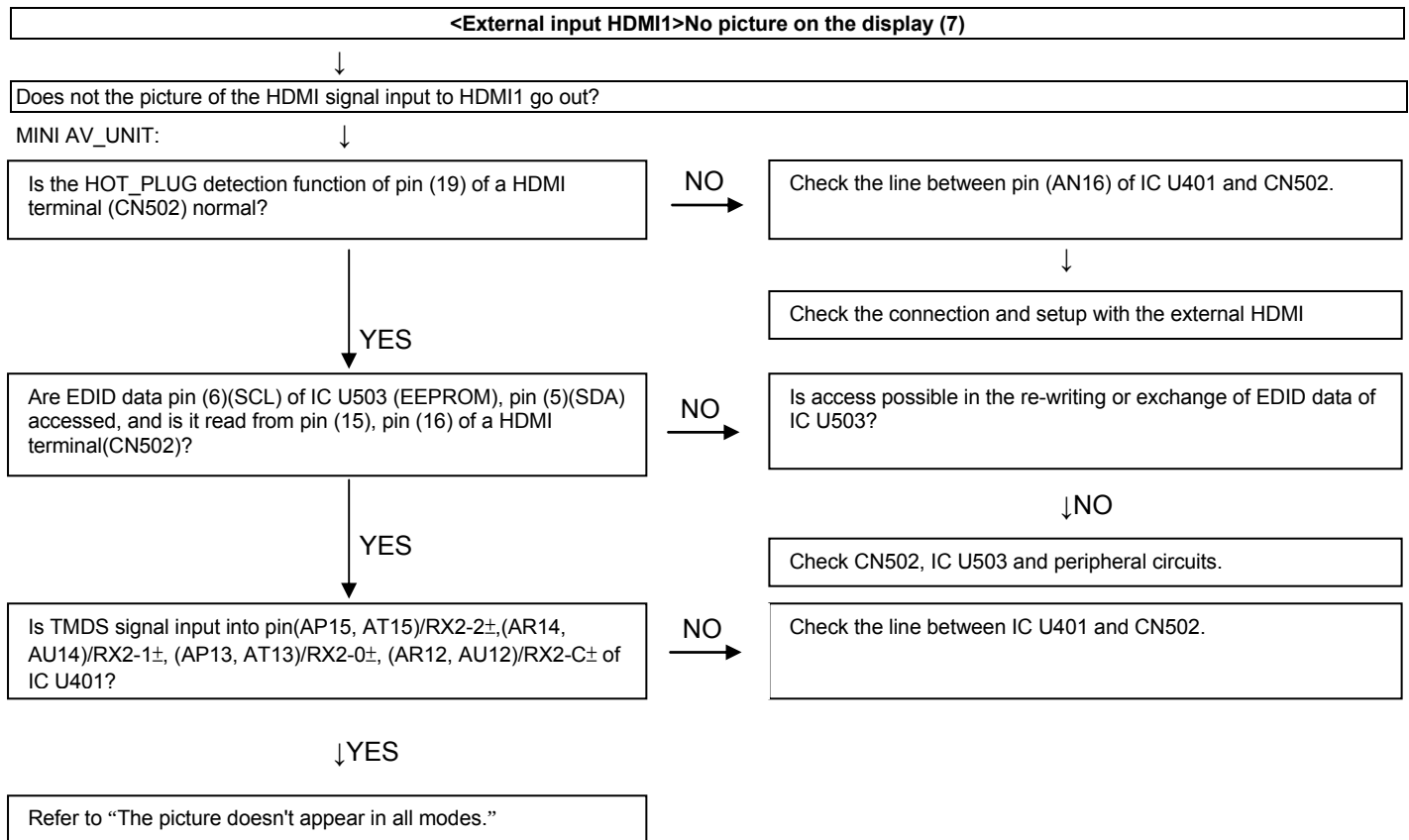
NO →

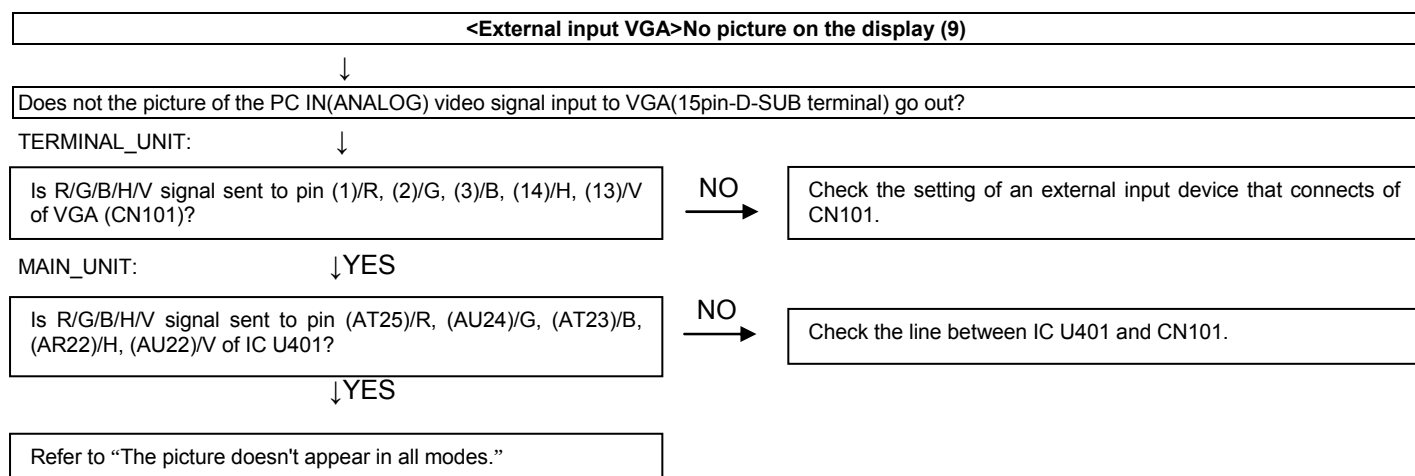
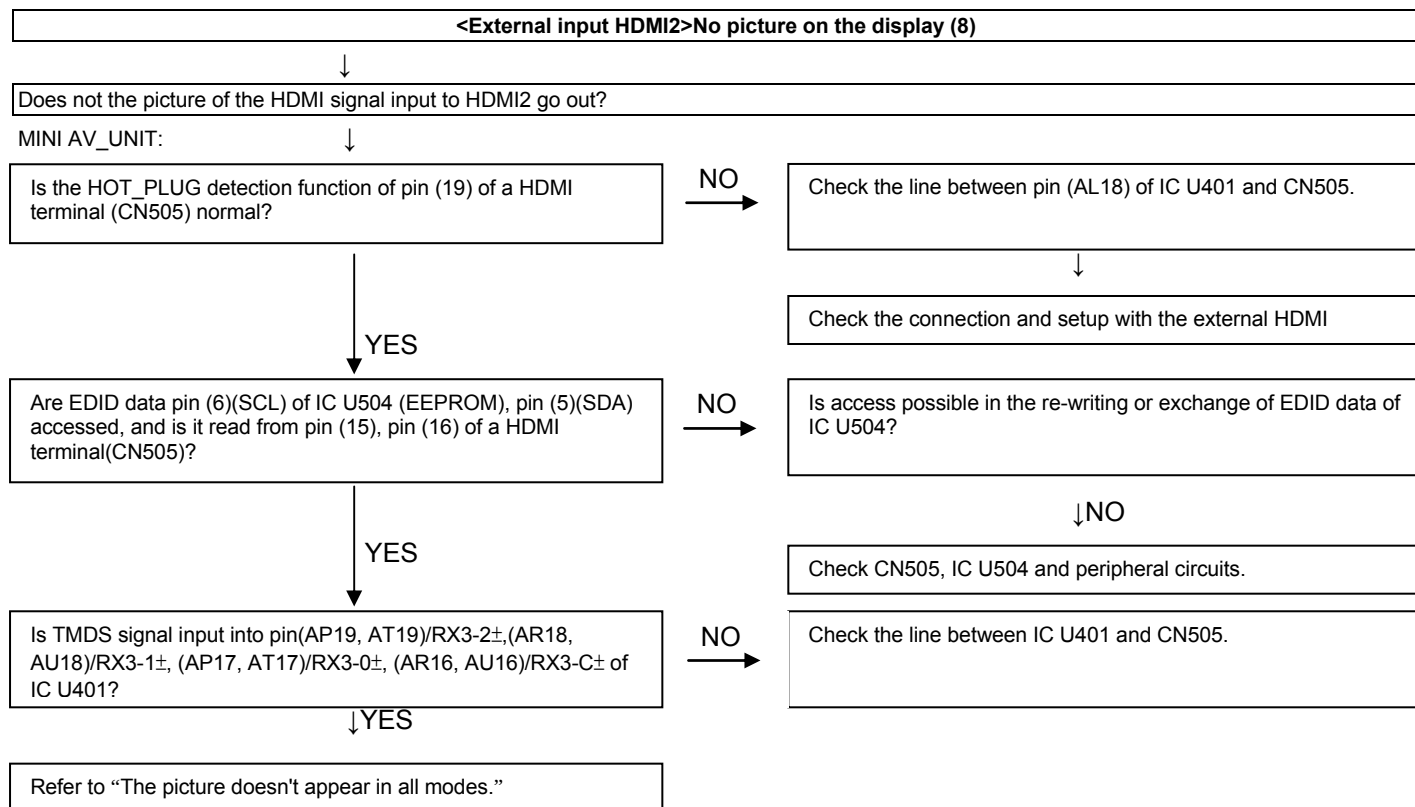
Check the line between IC U401 and CN151.

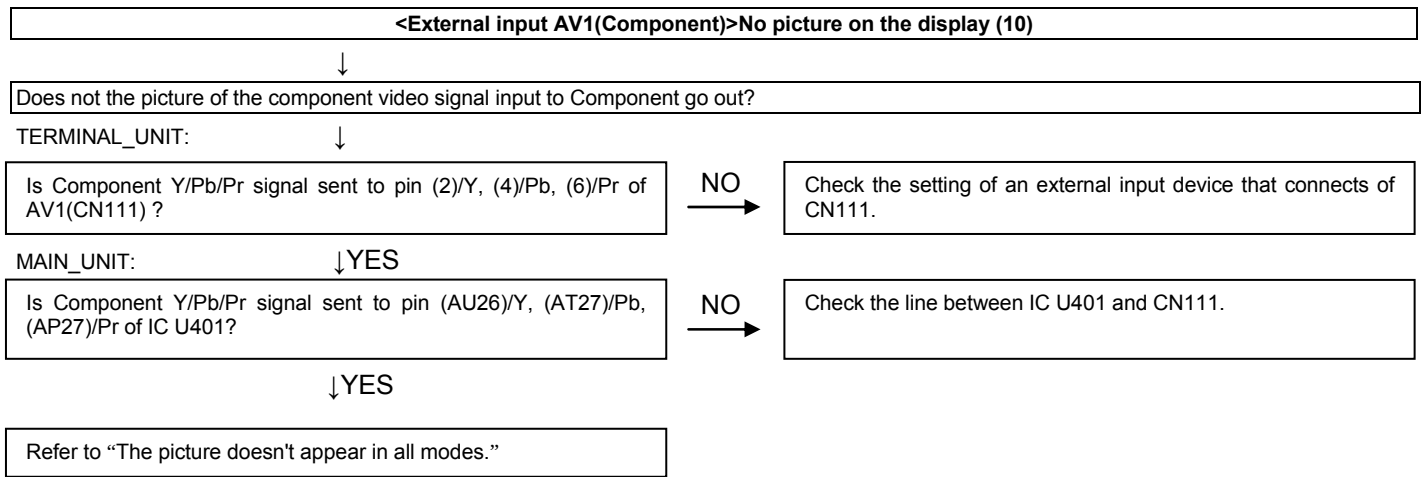
↓ YES

Refer to "The picture doesn't appear in all modes."









< During external connection > No picture on the monitor (1)

No picture appears on SCART1 - connected monitor during the tuner (U/V) reception.

Checklist:

- 1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? ...Set it to "CVBS", "Y/C", "RGB", "AUTO".
- 2) Is ANT-CABLE disconnected or connected improperly? ...Connect it correctly as per the operation manual.
- 3) The picture is sent to the monitor in a CVBS signal if the source during display is ATV/DTV, CVBS or Y/C of SCART1, AV3.
When sent by component, etc., that signal is not sent to the monitor.
- 4) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
- 5) The video output from SCART1 is not the monitor output (output of the picture now watching).
The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT:

Is CVBS signal output into pin (19) of CN151 (SCART1)?

YES

Check the setting of an external input device that connects of CN151.

↓NO

Is U401 pin (AT31) CVBS signal output into pin (19) of CN151 (SCART1)?

YES

Check the line between CN151 and U401.

↓NO

Refer to "The picture doesn't appear in all modes."

< During external connection > No picture on the monitor (2)

AVOUT:

No picture from SCART1 appears on AVOUT-connected monitor.

NOTE: Normally, if the screen during display is sent to SCART1, no picture is sent to AVOUT.

Checklist:

- 1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? ...Set it to "CVBS", "Y/C", "AUTO".
- 2) The picture is sent to the monitor in a CVBS signal if the source during display is TV, CVBS or Y/C of SCART1, AV3.
When sent by component, etc., that signal is not sent to the monitor.
- 3) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
- 4) The video output from SCART1 is not the monitor output (output of the picture now watching).
The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT:

Is CVBS signal output into pin (2) of CN140?

YES

Check the setting of an external input device that connects of CN140.

↓NO

Is CVBS signal output from pin (AP31) of IC U401 into pin (2) of CN140 ?

YES

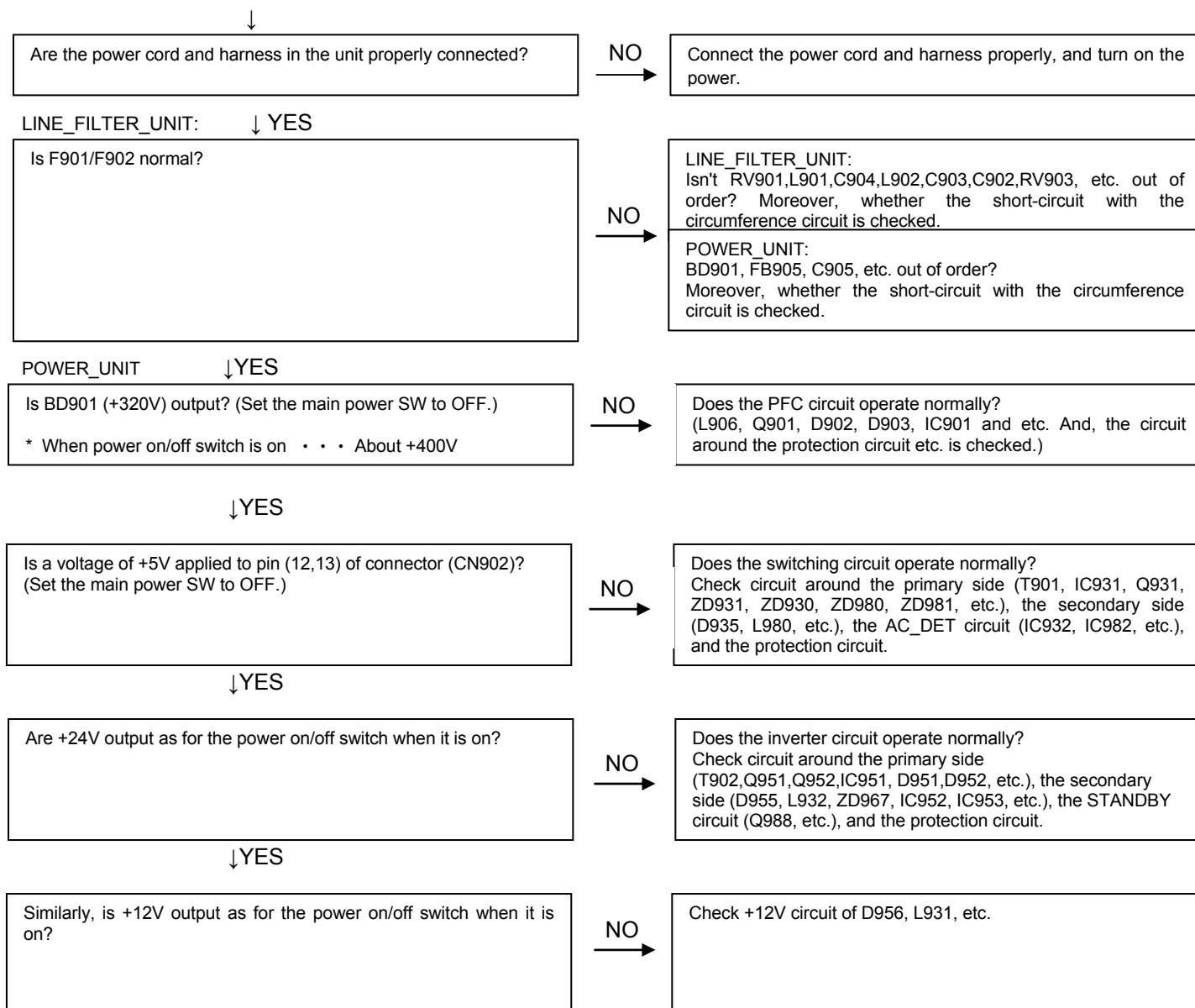
Check the line between CN140 and IC U401.

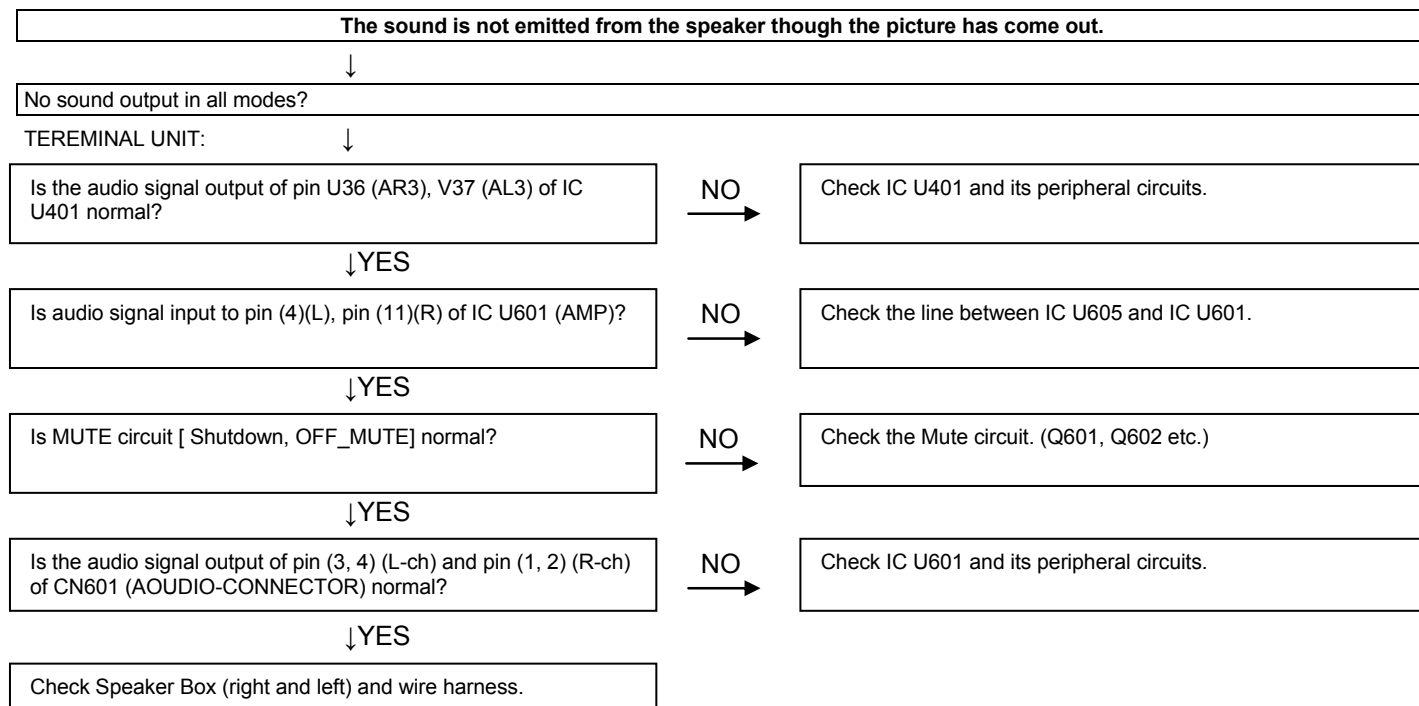
↓NO

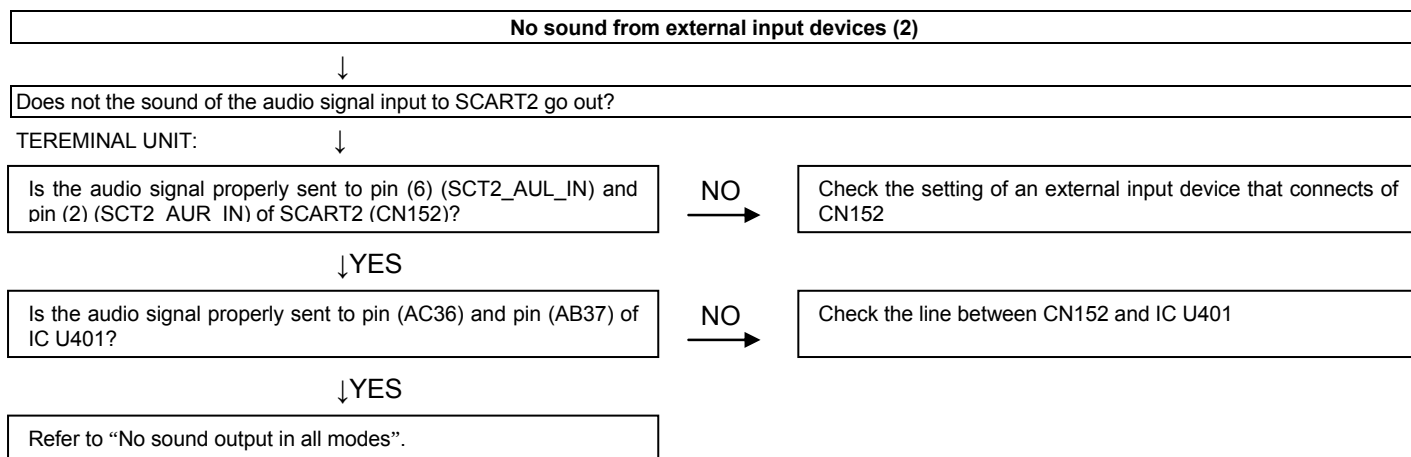
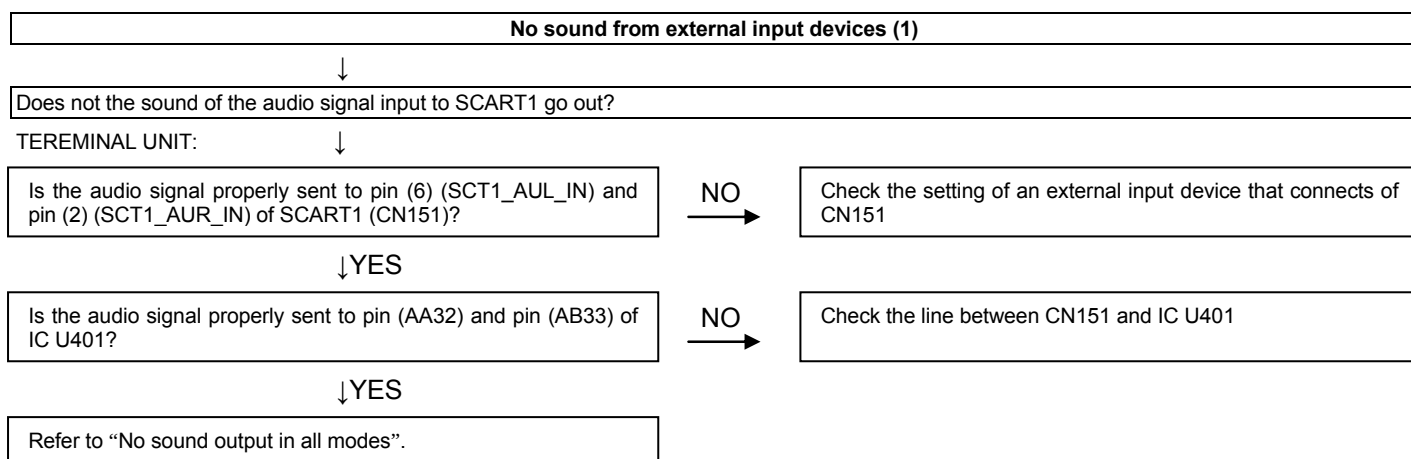
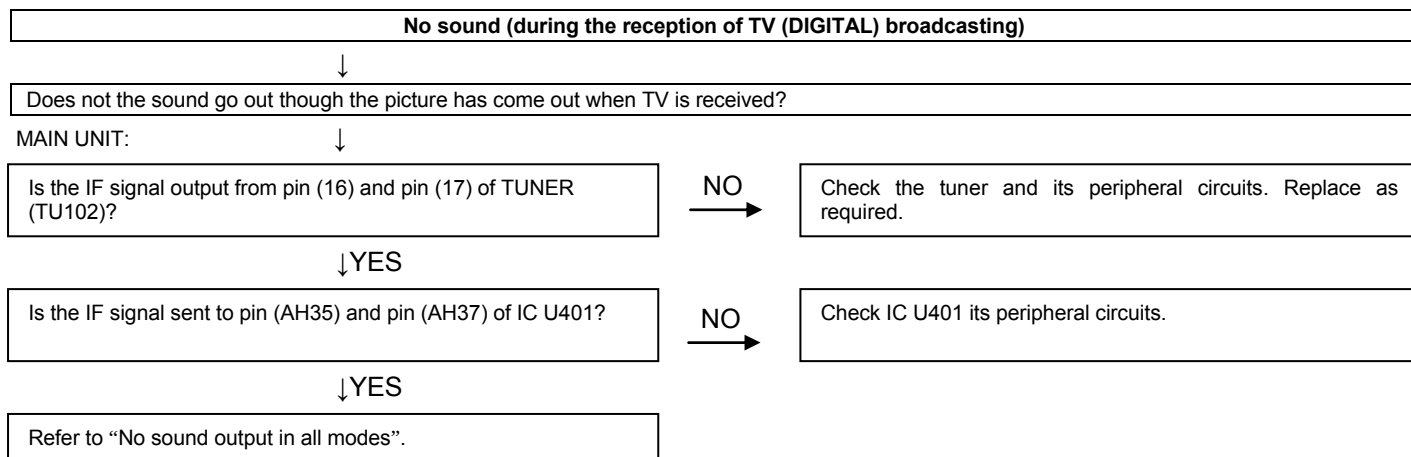
Refer to "The picture doesn't appear in all modes."

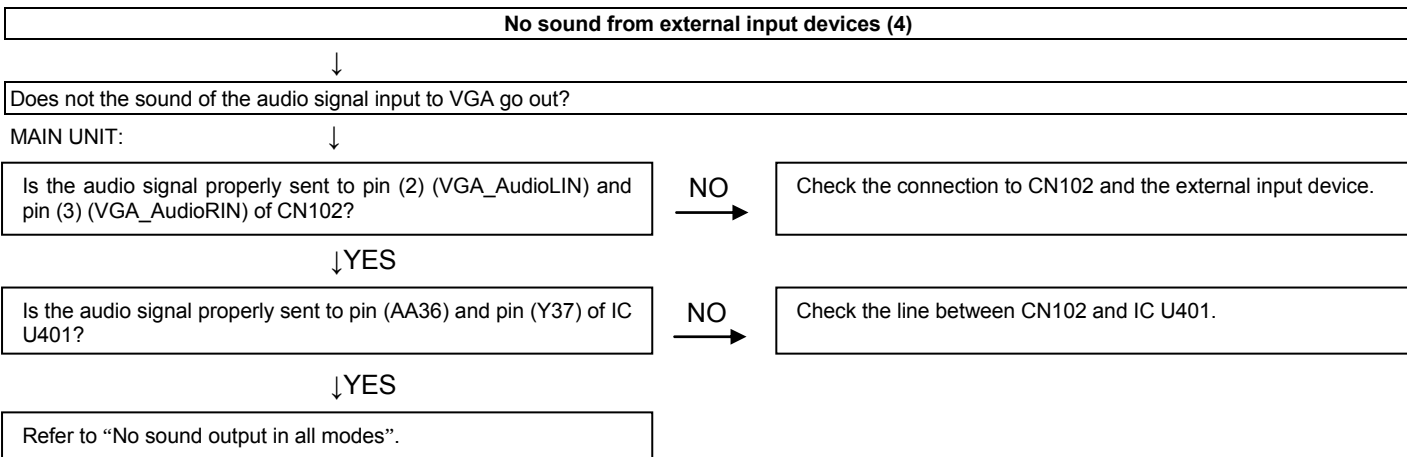
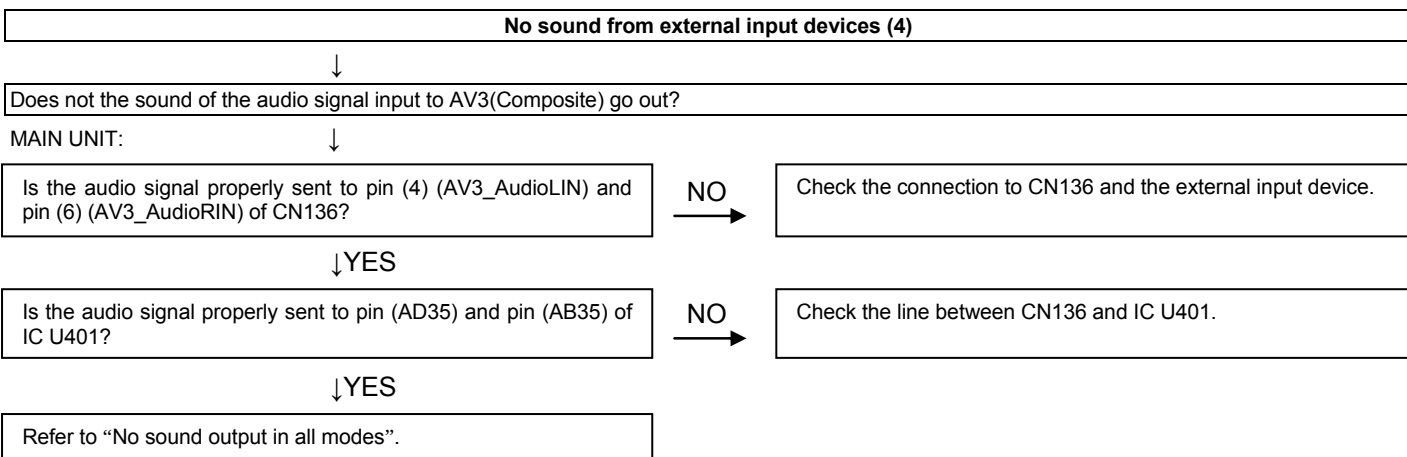
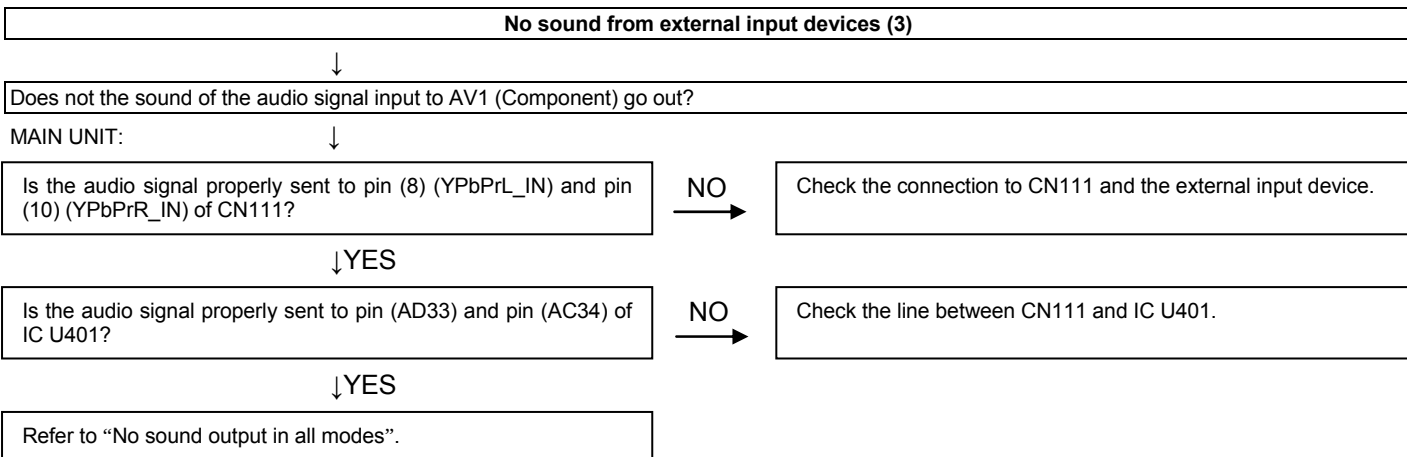
32" TROUBLESHOOTING TABLE

Power unit operation check.









No sound from external input devices (5)

↓
Does not the sound of the audio signal input to HDMI1/2/3 go out?

↓
Is picture of the signal input from HDMI1/2/3 displayed?

NO
→

Refer to “Does not the picture of the HDMI signal input to HDMI1/2/3 go out?”.

↓ YES

Refer to “No sound output in all modes”.

The audio signal is not output (1)

↓
The audio signal of UHF/VHF is not output from SCART1.

TEREMINAL UNIT:

↓
Is audio signal output from IC U106 sent to pin (3)(SCT1_AUL_OUT) and pin(1)(SCT1_AUR_OUT) of SCART1(CN151)?

YES
→

Check the connection to SCART1 and external devices.

↓ NO

Is audio signal output from IC U401 is sent to pin (2)(1IN-) and pin (6)(2IN-)of IC U106?

YES
→

Check the line between IC U401 and IC U106.

↓ NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (2)

↓
The audio signal of UHF/VHF/MONITOR is not output from SCART2.

TEREMINAL UNIT:

↓
Is audio signal output from IC U605 sent to pin(3)(SCT2_AUL_OUT) and pin(1)(SCT2_AUR_OUT) of

YES
→

Check the connection to SCART2 and external devices.

↓ NO

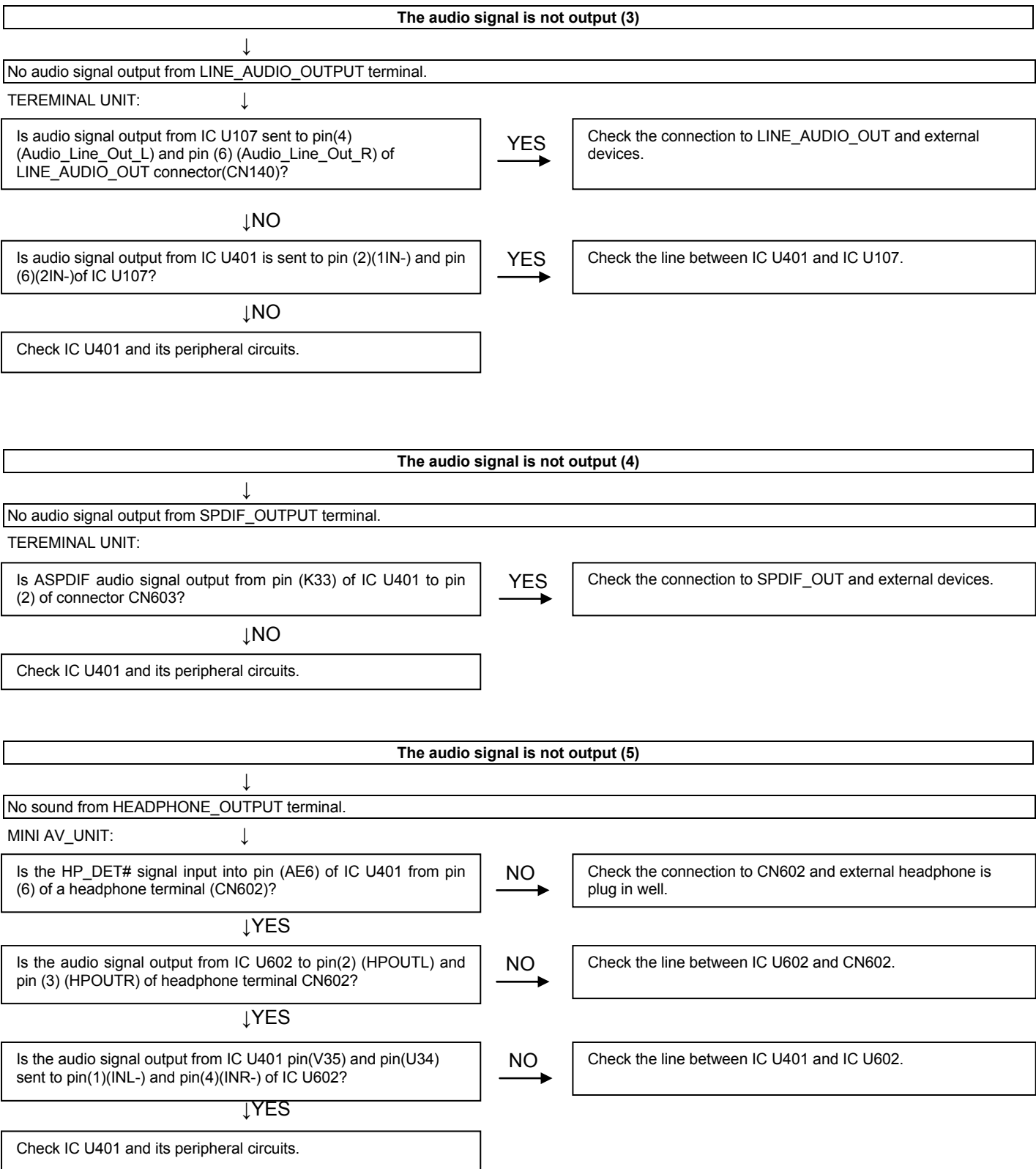
Is audio signal output from IC U401 is sent to pin (2)(1IN-) and pin (6)(2IN-)of IC U107?

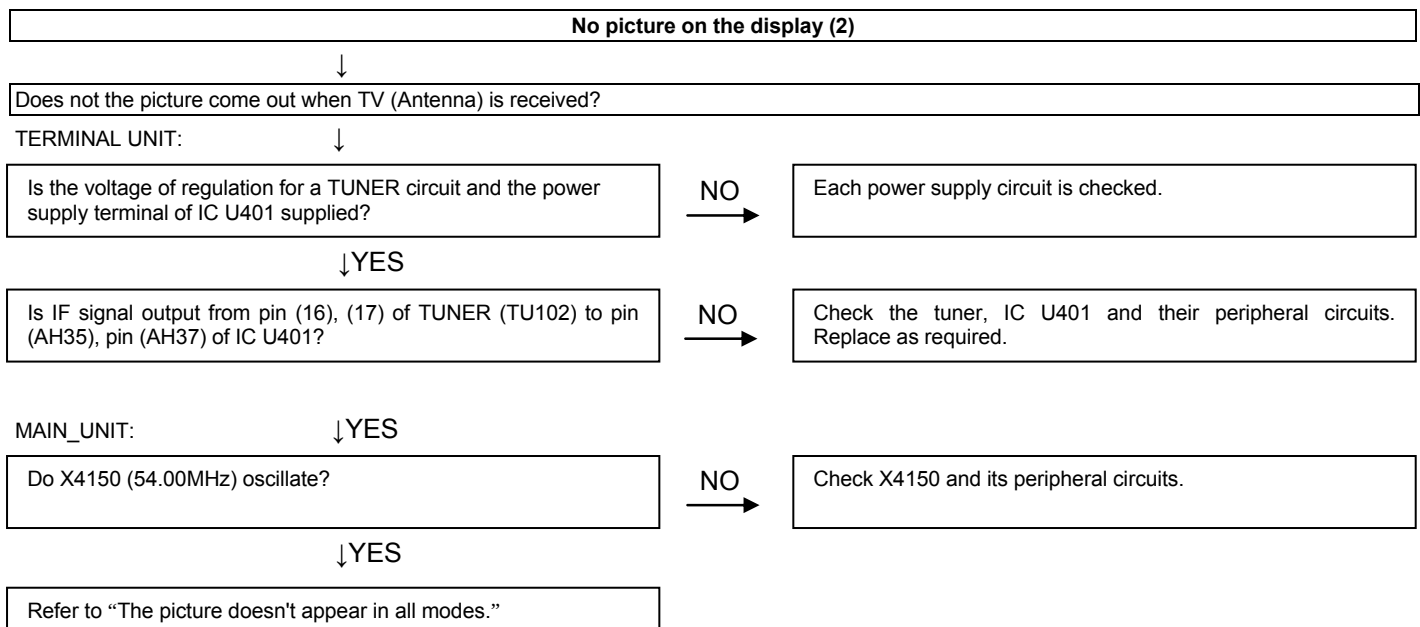
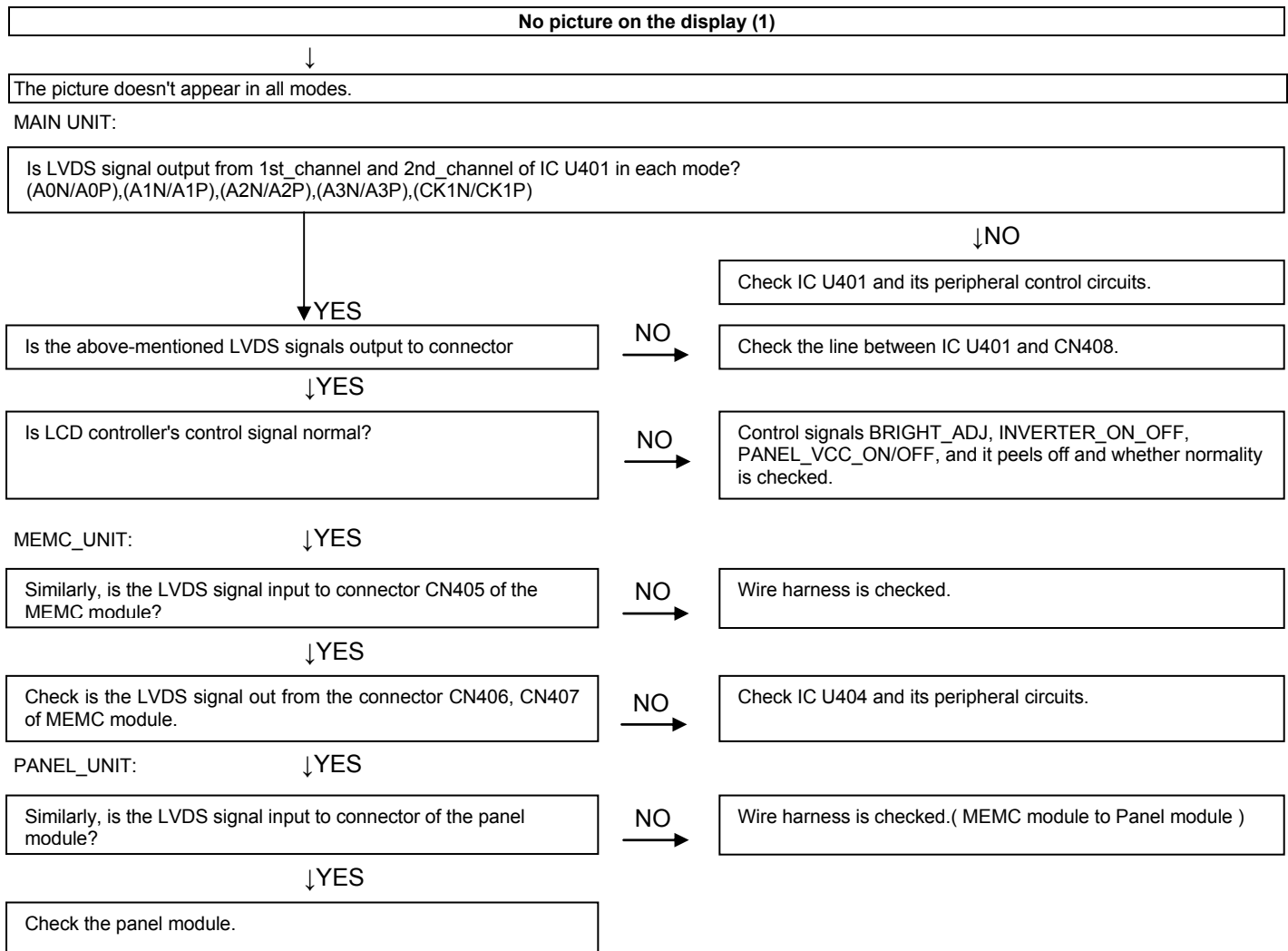
YES
→

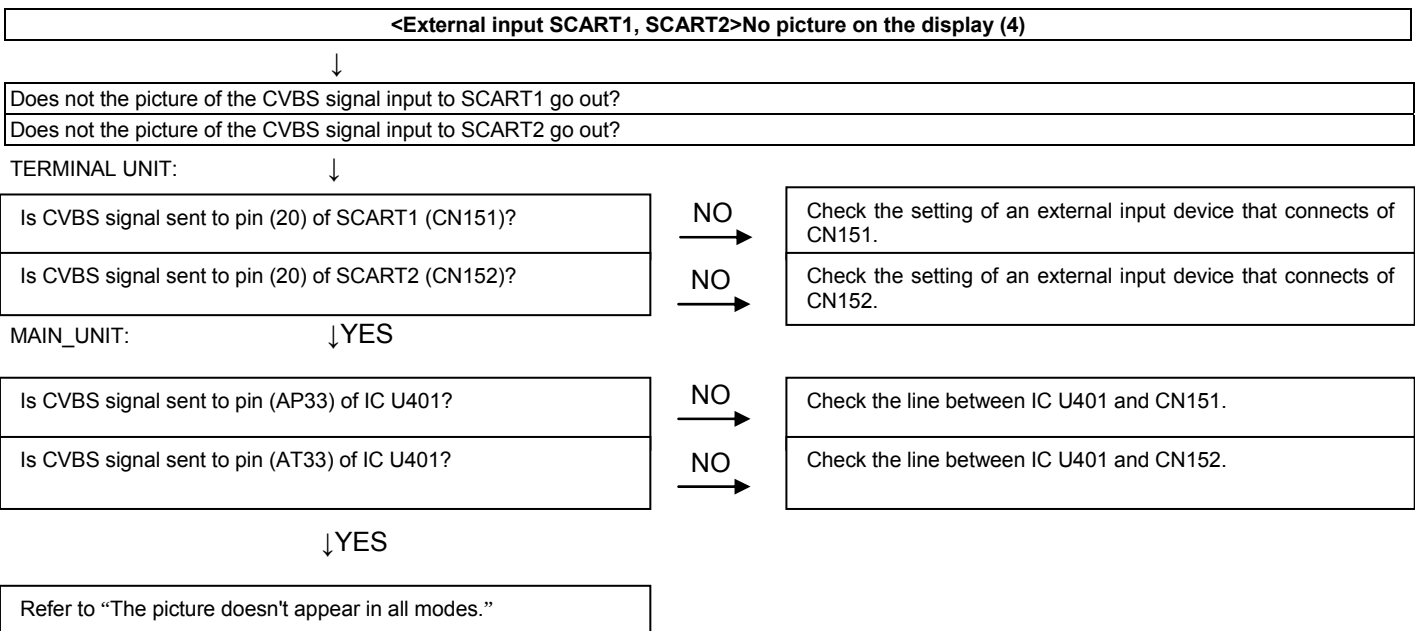
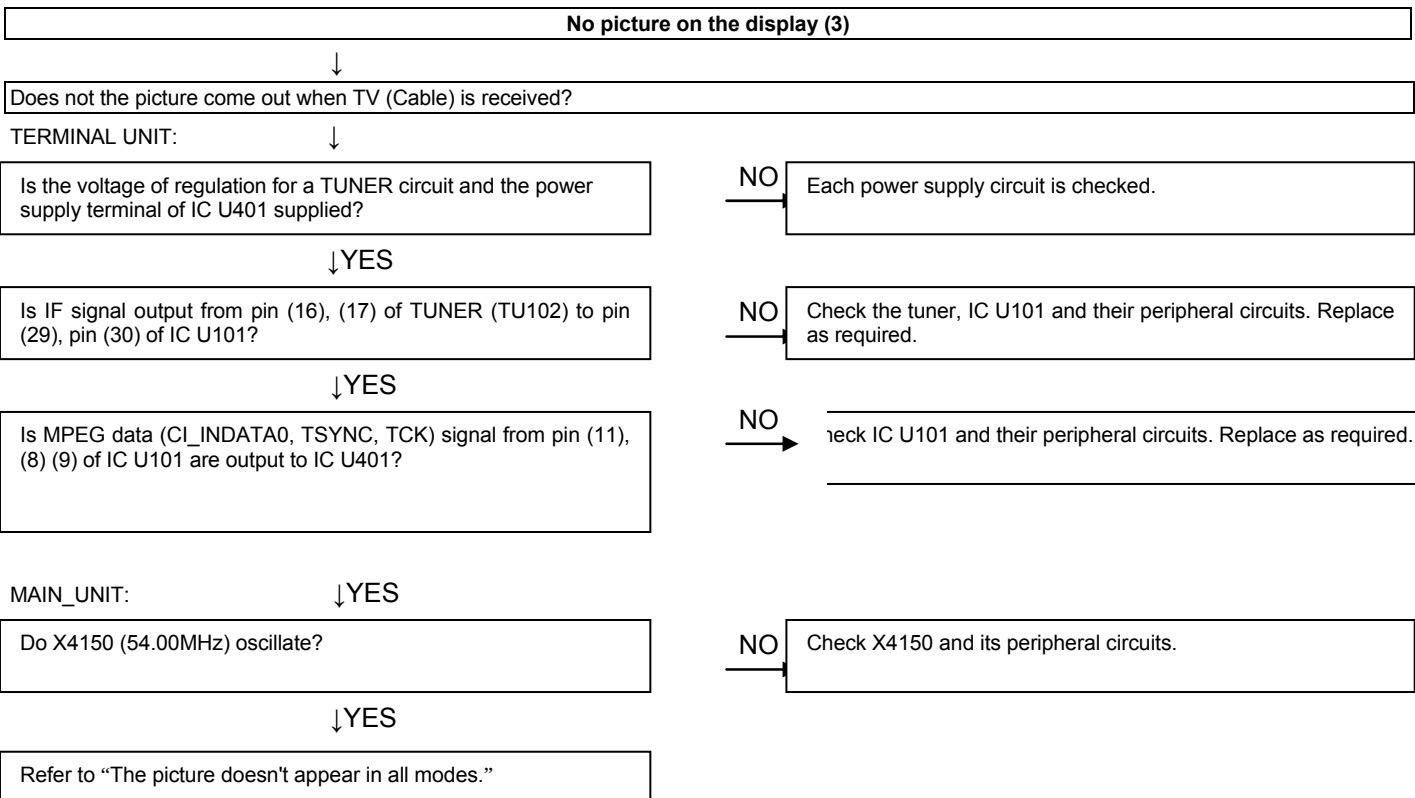
Check the line between IC U401 and IC U107

↓ NO

Check IC U401 and its peripheral circuits.







<External input SCART1>No picture on the display (5)

Does not the picture of the R/G/B video signal input to SCART1 go out?

TERMINAL UNIT:

Is RGB signal sent to pin (15)/R, (11)/G, (7)/B, of SCART1 (CN151)?

NO →

Check the setting of an external input device that connects of CN151.

MAIN_UNIT:

↓ YES

Is RGB signal sent to pin (AU30)/R, (AP29)/G, (AR28)/B of IC U401?

NO →

Check the line between IC U401 and CN151.

↓ YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1, SCART2>No picture on the display (6)

Does not the picture of the Y/C signal input to SCART1 go out?

Does not the picture of the Y/C signal input to SCART2 go out?

TERMINAL UNIT:

Is Y/C signal sent to pin (20) and (15) of SCART1 (CN151)?

NO →

Check the setting of an external input device that connects of CN151.

Is Y/C signal sent to pin (20) and (15) of SCART2 (CN152)?

NO →

Check the setting of an external input device that connects of CN152.

MAIN_UNIT:

↓ YES

Is Y/C signal sent to pin (AP33)/Y, (AU30)/C of IC U401?

NO →

Check the line between IC U401 and CN151.

Is Y/C signal sent to pin (AT33)/Y, (AR34)/C of IC U401?

NO →

Check the line between IC U401 and CN152.

↓ YES

Refer to "The picture doesn't appear in all modes."

<External input AV3>No picture on the display (7)

Does not the picture of the composite video signal input to AV3(Composite) go out?

TERMINAL UNIT:

Is CVBS signal sent to pin (2) of AV3 (CN136)?

NO →

Check the setting of an external input device that connects of CN136.

MAIN_UNIT:

↓ YES

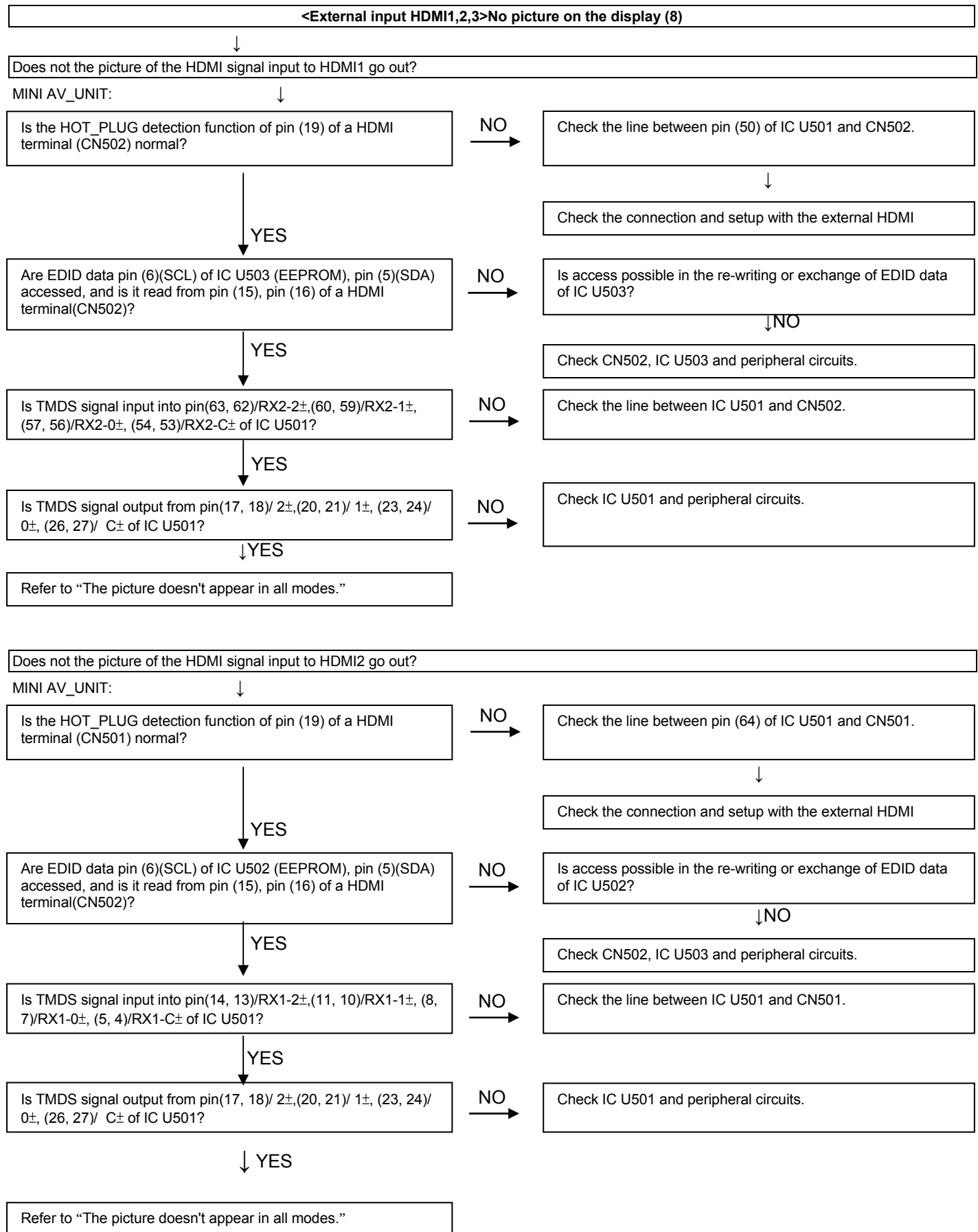
Is CVBS signal sent to pin (AU36) of IC U401?

NO →

Check the line between IC U401 and CN136.

↓ YES

Refer to "The picture doesn't appear in all modes."



Does not the picture of the HDMI signal input to HDMI3 go out?

MINI AV_UNIT:

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN506) normal?

NO

Check the line between pin (35) of IC U501 and CN506.

↓

Check the connection and setup with the external HDMI

↓ YES

Are EDID data pin (6)(SCL) of IC U504 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal (CN506)?

NO

Is access possible in the re-writing or exchange of EDID data of IC U504?

↓ NO

Check CN506, IC U504 and peripheral circuits.

↓ YES

Is TMDS signal input into pin(48, 47)/RX3-2±, (45, 44)/RX3-1±, (42, 41)/RX3-0±, (39, 38)/RX3-C± of IC U501?

NO

Check the line between IC U501 and CN506.

↓ YES

Is TMDS signal output from pin(17, 18)/ 2±, (20, 21)/ 1±, (23, 24)/ 0 ±, (26, 27)/ C± of IC U501?

NO

Check IC U501 and peripheral circuits.

↓ YES

Refer to "The picture doesn't appear in all modes."

<External input VGA>No picture on the display (9)

↓

Does not the picture of the PC IN(ANALOG) video signal input to VGA(15pin-D-SUB terminal) go out?

TERMINAL_UNIT:

Is R/G/B/H/V signal sent to pin (1)/R, (2)/G, (3)/B, (14)/H, (13)/V of VGA (CN101)?

NO

Check the setting of an external input device that connects of CN101.

MAIN_UNIT:

↓ YES

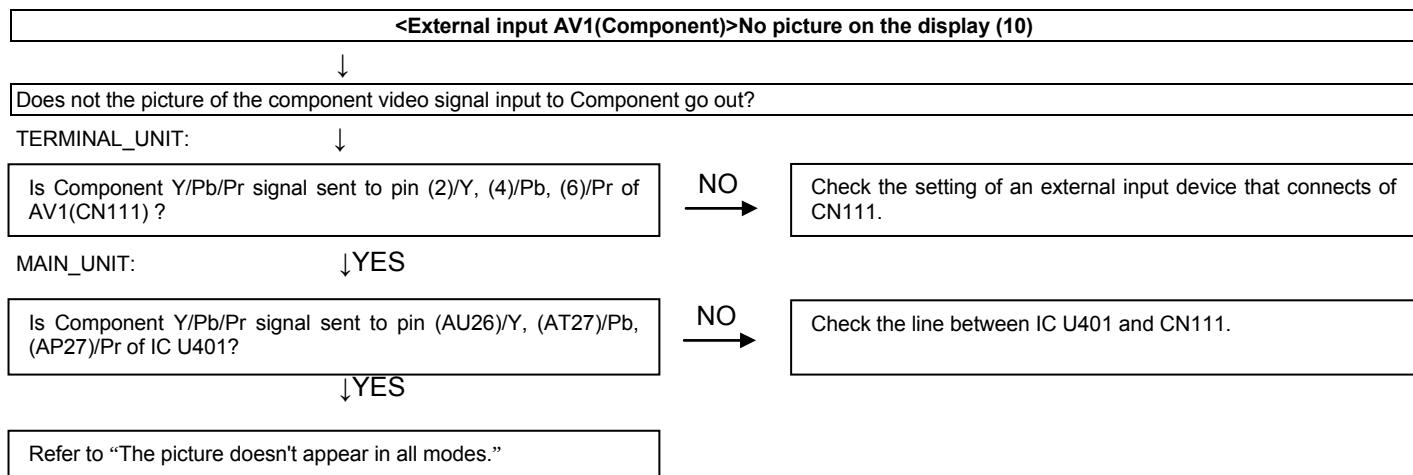
Is R/G/B/H/V signal sent to pin (AT25)/R, (AU24)/G, (AT23)/B, (AR22)/H, (AU22)/V of IC U401?

NO

Check the line between IC U401 and CN101.

↓ YES

Refer to "The picture doesn't appear in all modes."



< During external connection > No picture on the monitor (1)

No picture appears on SCART1 - connected monitor during the tuner (U/V) reception.

**Checklist:**

- 1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? ...Set it to "CVBS", "Y/C", "RGB", "AUTO".
- 2) Is ANT-CABLE disconnected or connected improperly? ...Connect it correctly as per the operation manual.
- 3) The picture is sent to the monitor in a CVBS signal if the source during display is ATV/DTV, CVBS or Y/C of SCART1, AV3.
When sent by component, etc., that signal is not sent to the monitor.
- 4) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
- 5) The video output from SCART1 is not the monitor output (output of the picture now watching).
The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT:



Is CVBS signal output into pin (19) of CN151 (SCART1)?

YES
→

Check the setting of an external input device that connects of CN151.

↓NO

Is U401 pin (AT31) CVBS signal output into pin (19) of CN151 (SCART1)?

YES
→

Check the line between CN151 and U401.

↓NO

Refer to "The picture doesn't appear in all modes."

< During external connection > No picture on the monitor (2)

SCART2:

No picture from SCART1 appears on SCART2-connected monitor.

NOTE: Normally, if the screen during display is sent to SCART2, no picture is sent to SCART2.

**Checklist:**

- 1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? ...Set it to "CVBS", "Y/C", "AUTO".
- 2) The picture is sent to the monitor in a CVBS signal if the source during display is TV, CVBS or Y/C of SCART1-2, AV3.
When sent by component, etc., that signal is not sent to the monitor.
- 3) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
- 4) The video output from SCART1 is not the monitor output (output of the picture now watching).
The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT:



Is CVBS signal output into pin (19) of CN152 (SCART2)?

YES
→

Check the setting of an external input device that connects of CN152.

↓NO

Is CVBS signal output from pin (AP31) of IC U401 into pin (19) of CN152 (SCART2)?

YES
→

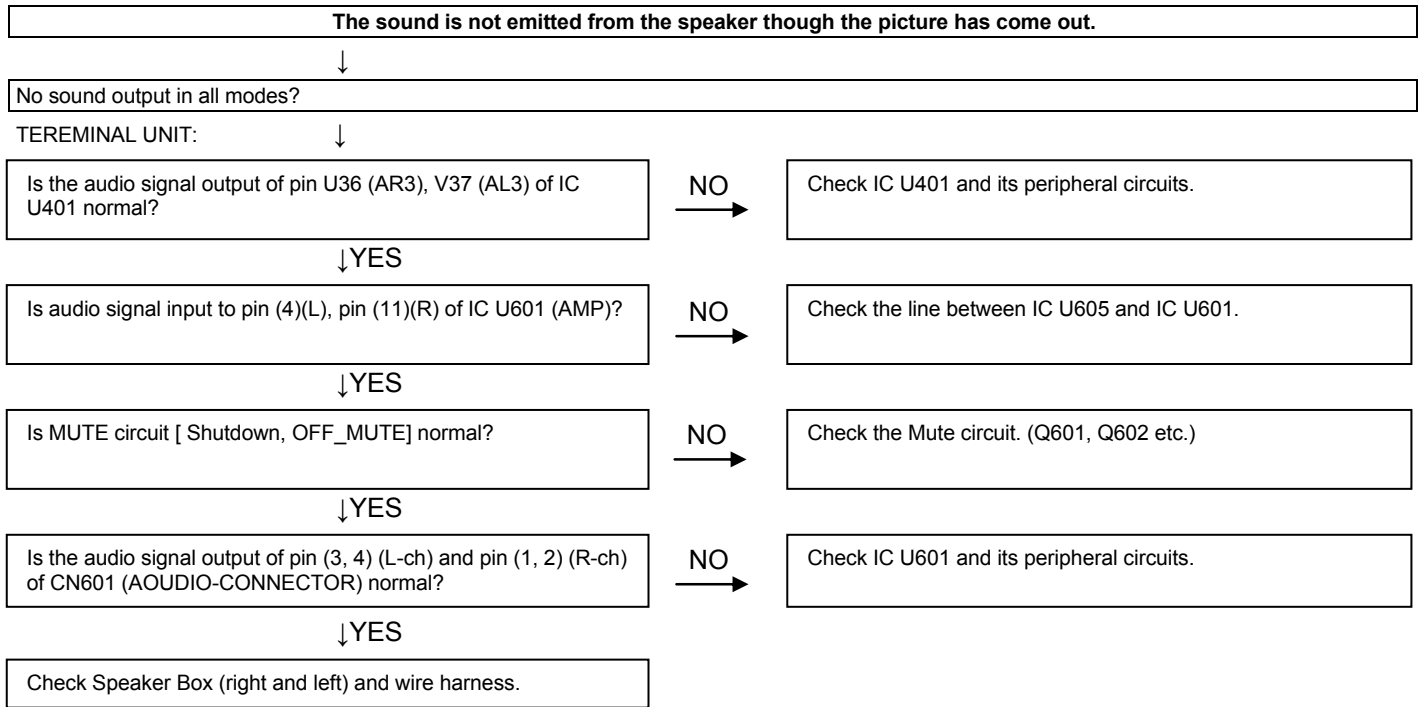
Check the line between CN152 and IC U401.

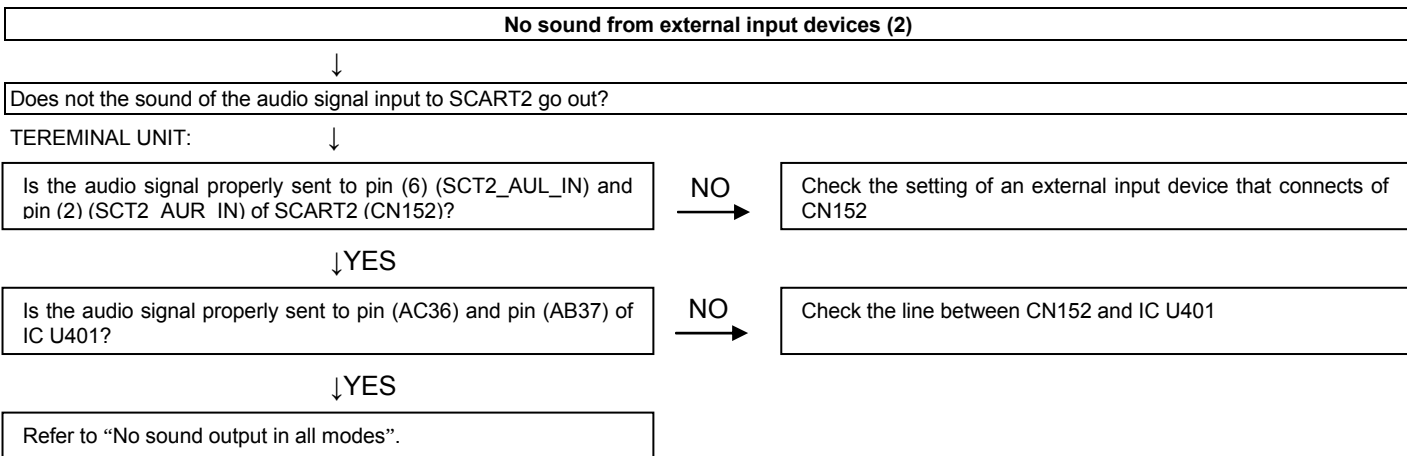
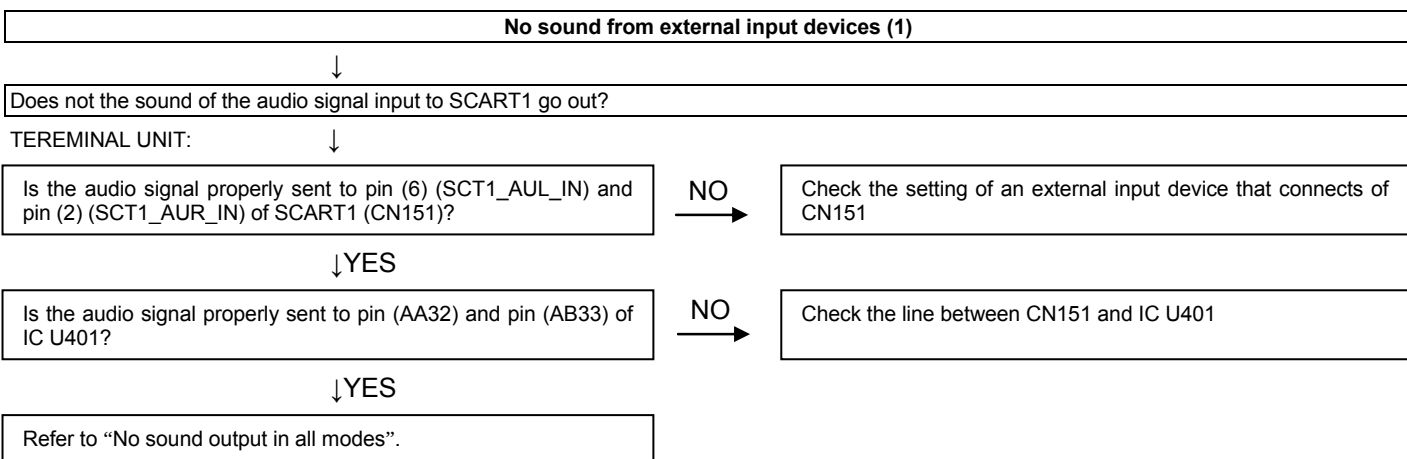
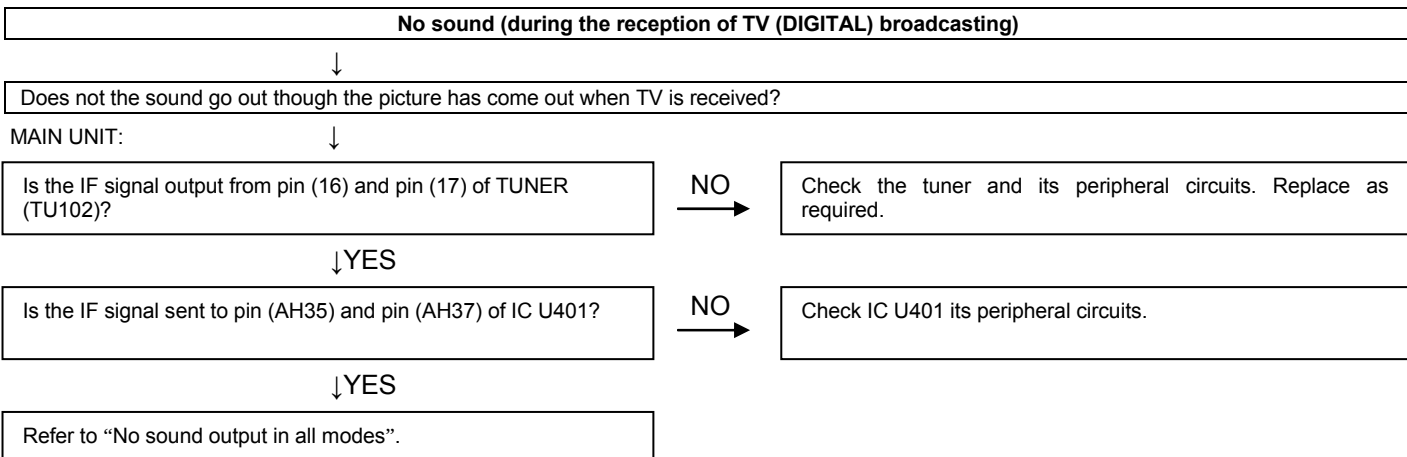
↓NO

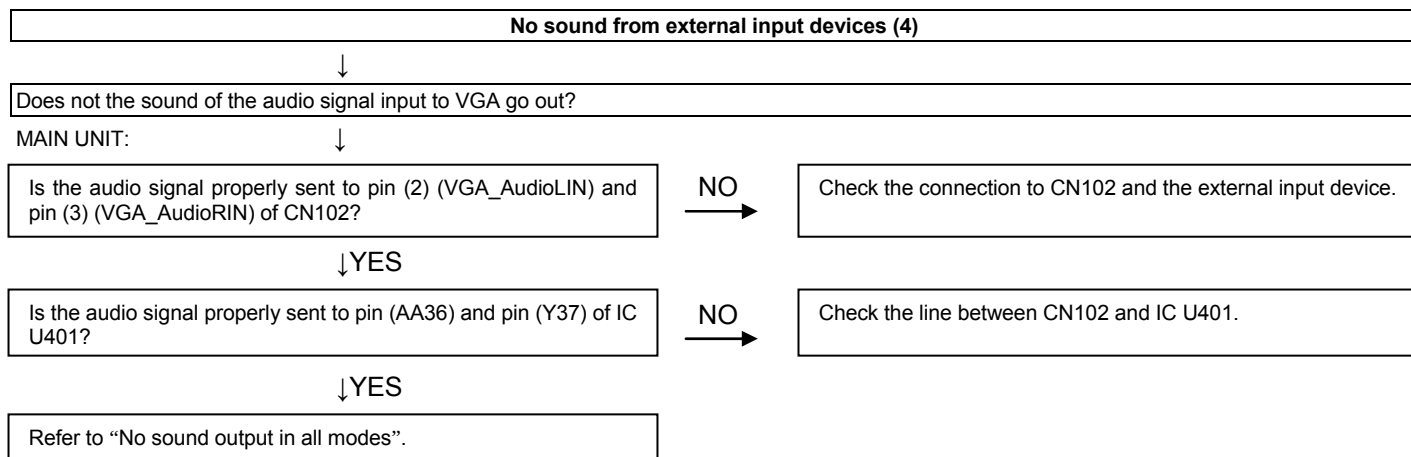
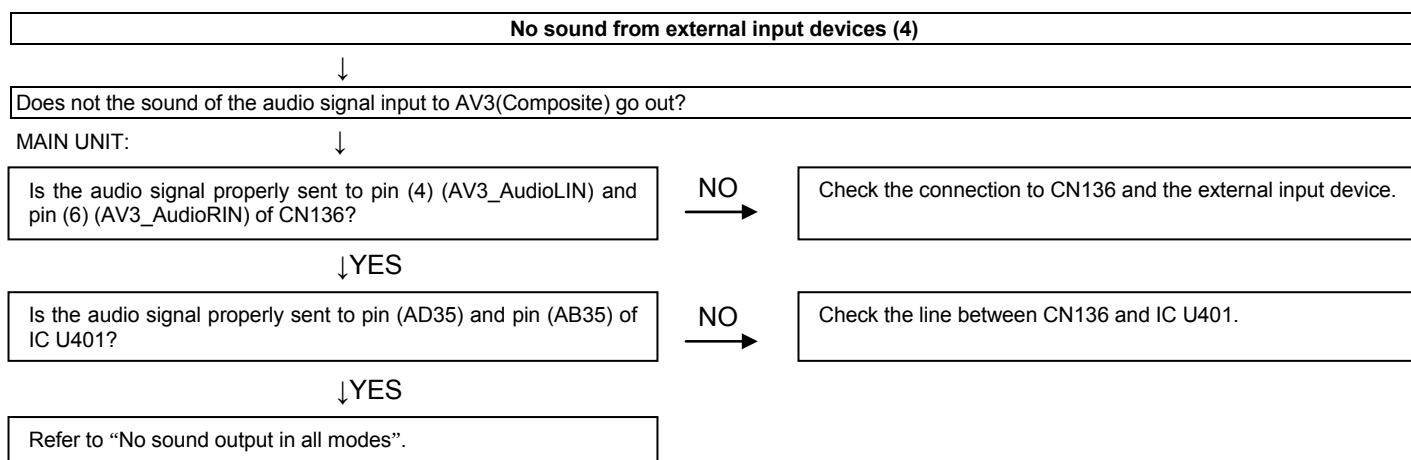
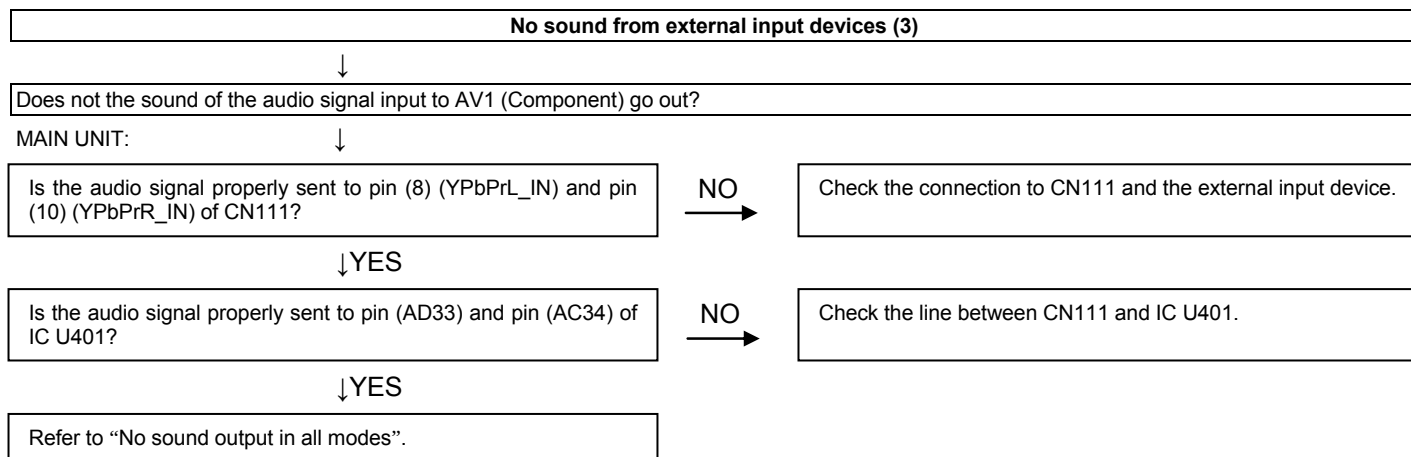
Refer to "The picture doesn't appear in all modes."

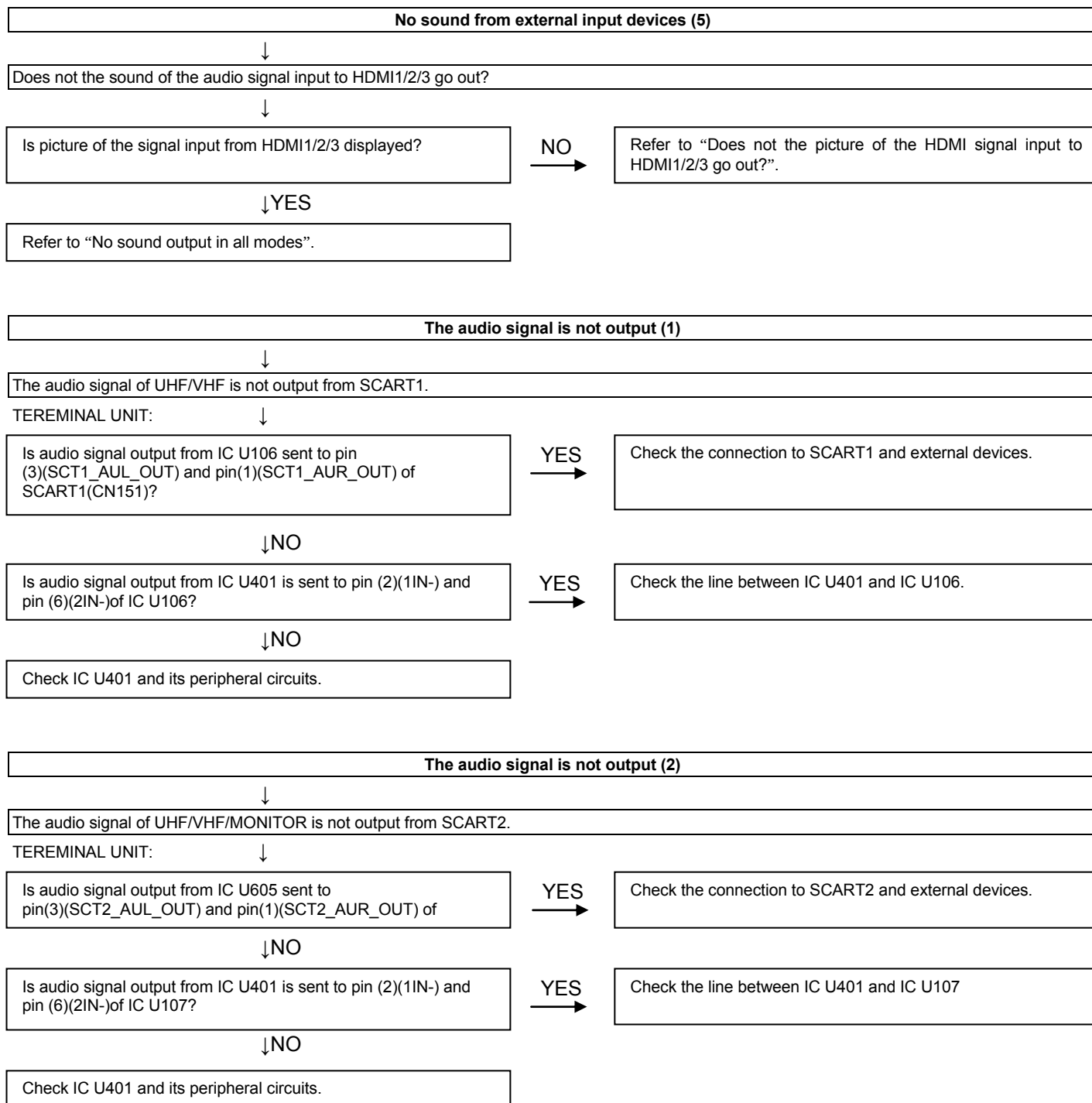
42" TROUBLESHOOTING TABLE

Power unit operation check.		
↓ Are the power cord and harness in the unit properly connected?	NO →	Connect the power cord and harness properly, and turn on the power.
LINE_FILTER_UNIT: ↓ YES Is F901/F902 normal?	NO →	LINE_FILTER_UNIT: Isn't C908,RV902,L901,C909,C901,C902,C904,L902,FB922,FB923,RV904 etc. out of order? Moreover, whether the short-circuit with the circumference circuit is checked. POWER_UNIT: BD901, C935, L903, etc. out of order? Moreover, whether the short-circuit with the circumference circuit is checked.
POWER_UNIT ↓ YES Is BD901 (+320V) output? (Set the main power SW to OFF.) * When power on/off switch is on . . . About +400V	NO →	Does the PFC circuit operate normally? (IC909,Q922,D933,IC901,Q917,Q923 and etc. And, the circuit around the protection circuit etc. is checked.)
↓ YES Is a voltage of +5V applied to pin (12,13) of connector (CN902)? (Set the main power SW to OFF.)	NO →	Does the switching circuit operate normally? Check circuit around the primary side (T904, IC903, Q924, ZD910, ZD911, ZD912, ZD913, etc.), the secondary side (D927, L907, etc.), the AC_DET circuit (IC911, IC913, etc.), and the protection circuit.
↓ YES Are +24V output as for the power on/off switch when it is on?	NO →	Does the inverter circuit operate normally? Check circuit around the primary side (T905,Q919,Q920,IC902,D936,D937, etc.), the secondary side (D901, D902,C951,C952,L906,L908,IC914, etc.), the STANDBY circuit (Q915, etc.), and the protection circuit.
↓ YES Similarly, is +12V output as for the power on/off switch when it is on?	NO →	Check +12V circuit of D928, L909, etc.









The audio signal is not output (3)



No audio signal output from LINE_AUDIO_OUTPUT terminal.

TEREMINAL UNIT:



Is audio signal output from IC U107 sent to pin(4) (Audio_Line_Out_L) and pin (6) (Audio_Line_Out_R) of LINE_AUDIO_OUT connector(CN140)?

YES
→

Check the connection to LINE_AUDIO_OUT and external devices.

↓NO

Is audio signal output from IC U401 is sent to pin (2)(1IN-) and pin (6)(2IN-)of IC U107?

YES
→

Check the line between IC U401 and IC U107.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (4)



No audio signal output from SPDIF_OUTPUT terminal.

TEREMINAL UNIT:

Is ASPDIF audio signal output from pin (K33) of IC U401 to pin (2) of connector CN603?

YES
→

Check the connection to SPDIF_OUT and external devices.

↓NO

Check IC U401 and its peripheral circuits.

The audio signal is not output (5)



No sound from HEADPHONE_OUTPUT terminal.

MINI AV_UNIT:



Is the HP_DET# signal input into pin (AE6) of IC U401 from pin (6) of a headphone terminal (CN602)?

NO
→

Check the connection to CN602 and external headphone is plug in well.

↓YES

Is the audio signal output from IC U602 to pin(2) (HPOUTL) and pin (3) (HPOUTR) of headphone terminal CN602?

NO
→

Check the line between IC U602 and CN602.

↓YES

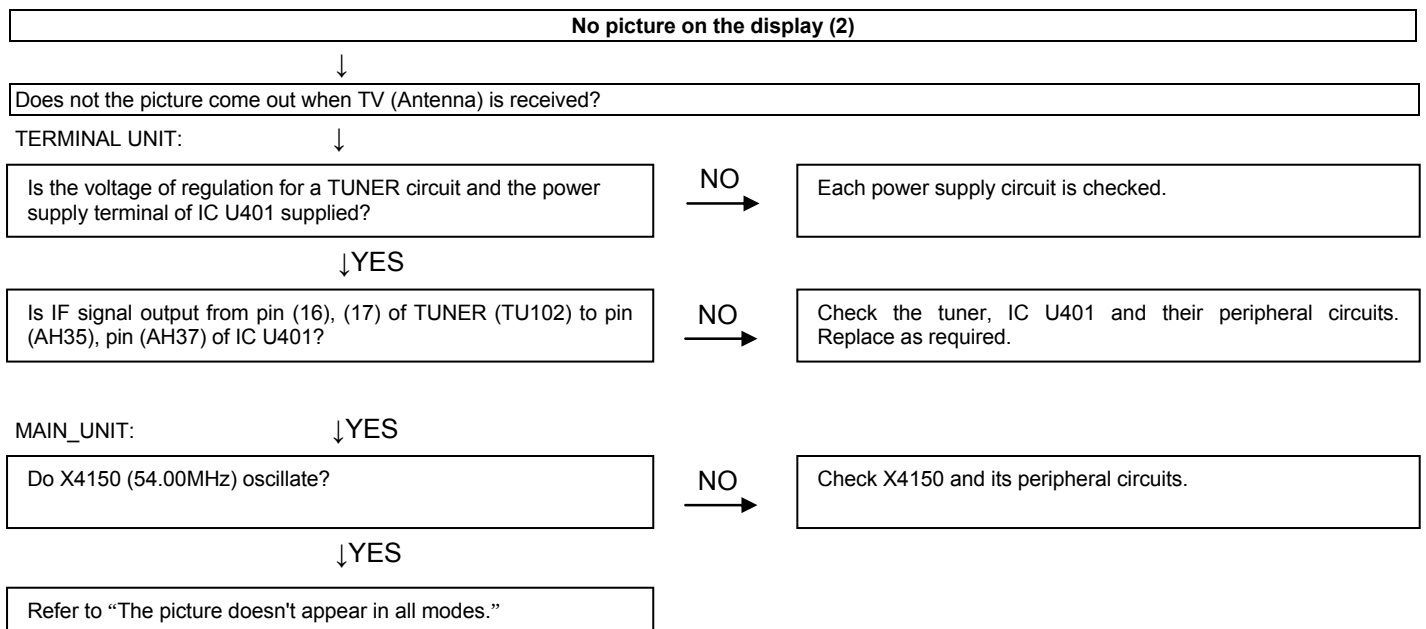
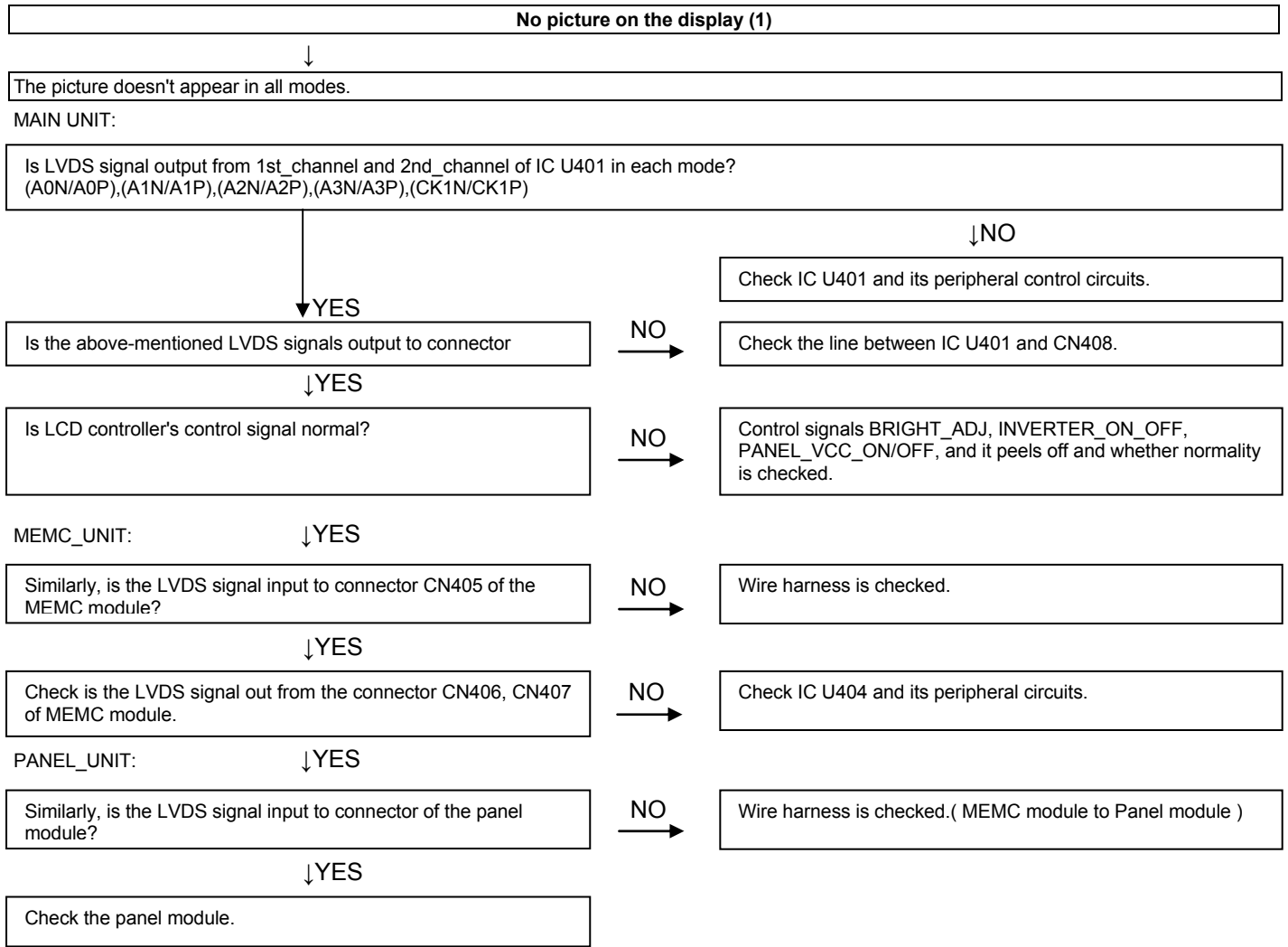
Is the audio signal output from IC U401 pin(V35) and pin(U34) sent to pin(1)(INL-) and pin(4)(INR-) of IC U602?

NO
→

Check the line between IC U401 and IC U602.

↓YES

Check IC U401 and its peripheral circuits.



No picture on the display (3)

↓
Does not the picture come out when TV (Cable) is received?

↓
TERMINAL UNIT:

Is the voltage of regulation for a TUNER circuit and the power supply terminal of IC U401 supplied?

NO →

Each power supply circuit is checked.

↓ YES

Is IF signal output from pin (16), (17) of TUNER (TU102) to pin (29), pin (30) of IC U101?

NO →

Check the tuner, IC U101 and their peripheral circuits. Replace as required.

↓ YES

Is MPEG data (CI_INDATAB0, TSYNC, TCK) signal from pin (11), (8) (9) of IC U101 are output to IC U401?

NO →

Check IC U101 and their peripheral circuits. Replace as required.

MAIN_UNIT:

↓ YES

Do X4150 (54.00MHz) oscillate?

NO →

Check X4150 and its peripheral circuits.

↓ YES

Refer to "The picture doesn't appear in all modes."

<External input SCART1, SCART2>No picture on the display (4)

↓
Does not the picture of the CVBS signal input to SCART1 go out?

Does not the picture of the CVBS signal input to SCART2 go out?

↓
TERMINAL UNIT:

Is CVBS signal sent to pin (20) of SCART1 (CN151)?

NO →

Check the setting of an external input device that connects of CN151.

Is CVBS signal sent to pin (20) of SCART2 (CN152)?

NO →

Check the setting of an external input device that connects of CN152.

MAIN_UNIT:

↓ YES

Is CVBS signal sent to pin (AP33) of IC U401?

NO →

Check the line between IC U401 and CN151.

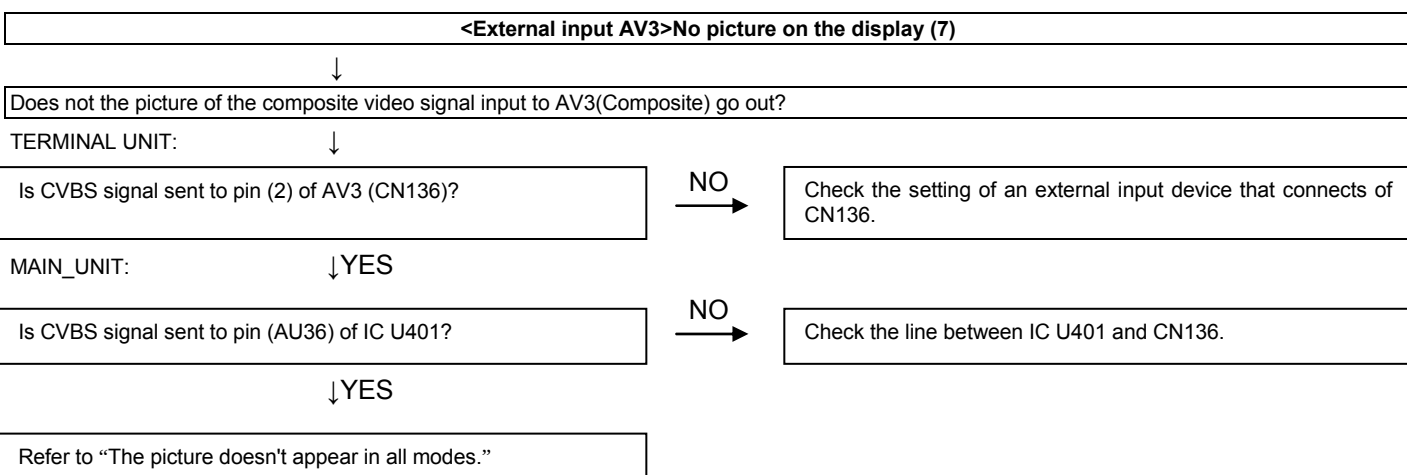
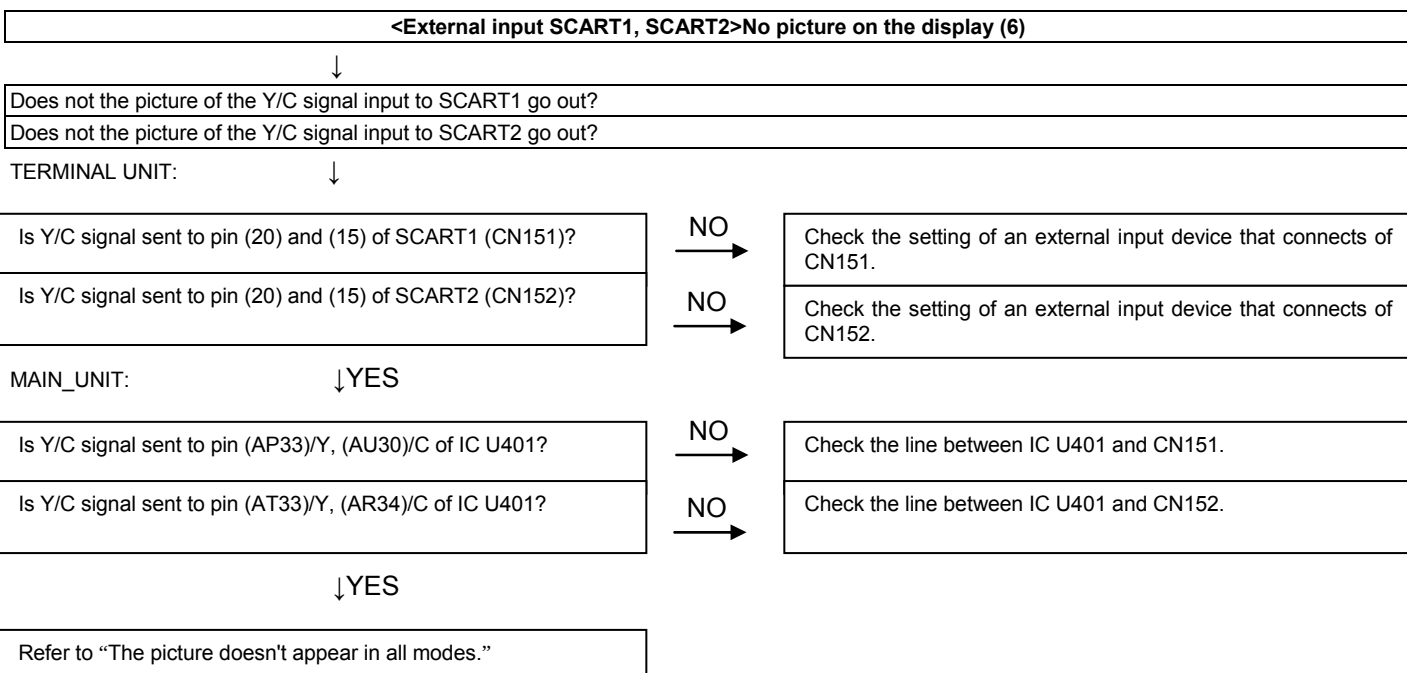
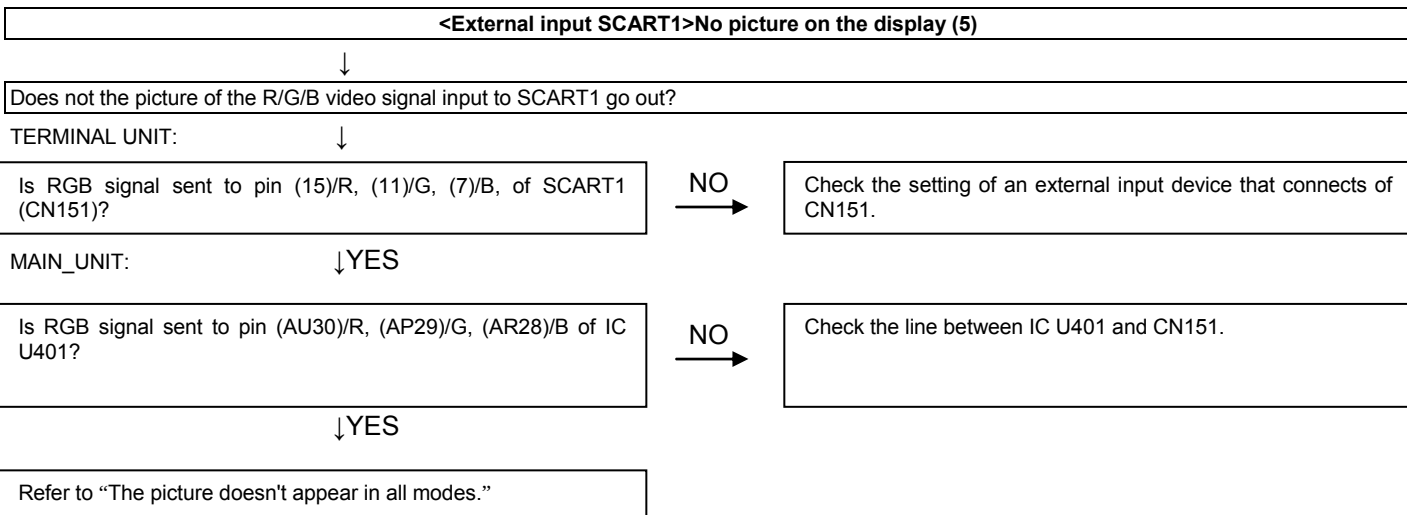
Is CVBS signal sent to pin (AT33) of IC U401?

NO →

Check the line between IC U401 and CN152.

↓ YES

Refer to "The picture doesn't appear in all modes."



<External input HDMI1,2,3>No picture on the display (8)

Does not the picture of the HDMI signal input to HDMI1 go out?

MINI AV_UNIT:

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN502) normal?

NO

Check the line between pin (50) of IC U501 and CN502.

↓

Check the connection and setup with the external HDMI

YES

Are EDID data pin (6)(SCL) of IC U503 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN502)?

NO

Is access possible in the re-writing or exchange of EDID data of IC U503?

↓NO

Check CN502, IC U503 and peripheral circuits.

YES

Is TMDS signal input into pin(63, 62)/RX2-2±,(60, 59)/RX2-1±, (57, 56)/RX2-0±, (54, 53)/RX2-C± of IC U501?

NO

Check the line between IC U501 and CN502.

YES

Is TMDS signal output from pin(17, 18)/ 2±,(20, 21)/ 1±, (23, 24)/ 0±, (26, 27)/ C± of IC U501?

NO

Check IC U501 and peripheral circuits.

↓YES

Refer to "The picture doesn't appear in all modes."

Does not the picture of the HDMI signal input to HDMI2 go out?

MINI AV_UNIT:

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN501) normal?

NO

Check the line between pin (64) of IC U501 and CN501.

↓

Check the connection and setup with the external HDMI

YES

Are EDID data pin (6)(SCL) of IC U502 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal(CN501)?

NO

Is access possible in the re-writing or exchange of EDID data of IC U502?

↓NO

Check CN502, IC U503 and peripheral circuits.

YES

Is TMDS signal input into pin(14, 13)/RX1-2±,(11, 10)/RX1-1±, (8, 7)/RX1-0±, (5, 4)/RX1-C± of IC U501?

NO

Check the line between IC U501 and CN501.

YES

Is TMDS signal output from pin(17, 18)/ 2±,(20, 21)/ 1±, (23, 24)/ 0±, (26, 27)/ C± of IC U501?

NO

Check IC U501 and peripheral circuits.

↓ YES

Refer to "The picture doesn't appear in all modes."

Does not the picture of the HDMI signal input to HDMI3 go out?

MINI AV_UNIT:

Is the HOT_PLUG detection function of pin (19) of a HDMI terminal (CN506) normal?

NO

Check the line between pin (35) of IC U501 and CN506.

↓ YES

Check the connection and setup with the external HDMI

Are EDID data pin (6)(SCL) of IC U504 (EEPROM), pin (5)(SDA) accessed, and is it read from pin (15), pin (16) of a HDMI terminal (CN506)?

NO

Is access possible in the re-writing or exchange of EDID data of IC U504?

↓ NO

Check CN506, IC U504 and peripheral circuits.

↓ YES

Is TMDS signal input into pin(48, 47)/RX3-2±, (45, 44)/RX3-1±, (42, 41)/RX3-0±, (39, 38)/RX3-C± of IC U501?

NO

Check the line between IC U501 and CN506.

↓ YES

Is TMDS signal output from pin(17, 18)/ 2±, (20, 21)/ 1±, (23, 24)/ 0±, (26, 27)/ C± of IC U501?

NO

Check IC U501 and peripheral circuits.

↓ YES

Refer to "The picture doesn't appear in all modes."

<External input VGA>No picture on the display (9)

Does not the picture of the PC IN(ANALOG) video signal input to VGA(15pin-D-SUB terminal) go out?

TERMINAL_UNIT:

Is R/G/B/H/V signal sent to pin (1)/R, (2)/G, (3)/B, (14)/H, (13)/V of VGA (CN101)?

NO

Check the setting of an external input device that connects of CN101.

MAIN_UNIT:

↓ YES

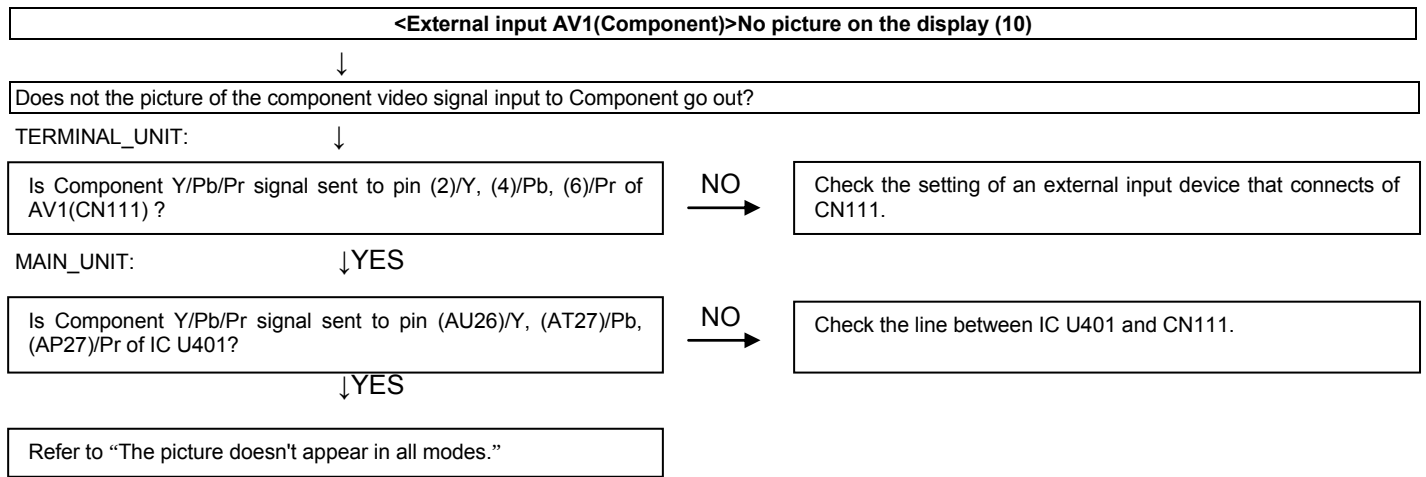
Is R/G/B/H/V signal sent to pin (AT25)/R, (AU24)/G, (AT23)/B, (AR22)/H, (AU22)/V of IC U401?

NO

Check the line between IC U401 and CN101.

↓ YES

Refer to "The picture doesn't appear in all modes."



< During external connection > No picture on the monitor (1)



No picture appears on SCART1 - connected monitor during the tuner (U/V) reception.



Checklist:

- 1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? ...Set it to "CVBS", "Y/C", "RGB", "AUTO".
- 2) Is ANT-CABLE disconnected or connected improperly? ...Connect it correctly as per the operation manual.
- 3) The picture is sent to the monitor in a CVBS signal if the source during display is ATV/DTV, CVBS or Y/C of SCART1, AV3.
When sent by component, etc., that signal is not sent to the monitor.
- 4) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
- 5) The video output from SCART1 is not the monitor output (output of the picture now watching).
The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT:



Is CVBS signal output into pin (19) of CN151 (SCART1)?

YES
→

Check the setting of an external input device that connects of CN151.

↓NO

Is U401 pin (AT31) CVBS signal output into pin (19) of CN151 (SCART1)?

YES
→

Check the line between CN151 and U401.

↓NO

Refer to "The picture doesn't appear in all modes."

< During external connection > No picture on the monitor (2)

SCART2:



No picture from SCART1 appears on SCART2-connected monitor.

NOTE: Normally, if the screen during display is sent to SCART2, no picture is sent to SCART2.



Checklist:

- 1) Is the Signal Type (item) in MENU-Option-Input Select equal to Signal Type of an external device? ...Set it to "CVBS", "Y/C", "AUTO".
- 2) The picture is sent to the monitor in a CVBS signal if the source during display is TV, CVBS or Y/C of SCART1-2, AV3.
When sent by component, etc., that signal is not sent to the monitor.
- 3) When the monitor picture is not sent and is not displayed on the monitor, refer to "No picture" for each terminal.
- 4) The video output from SCART1 is not the monitor output (output of the picture now watching).
The picture of the last selected TV channel is always sent to SCART1. (Specification)

TERMINAL_UNIT:



Is CVBS signal output into pin (19) of CN152 (SCART2)?

YES
→

Check the setting of an external input device that connects of CN152.

↓NO

Is CVBS signal output from pin (AP31) of IC U401 into pin (19) of CN152 (SCART2)?

YES
→

Check the line between CN152 and IC U401.

↓NO

Refer to "The picture doesn't appear in all modes."

CHAPTER 5. MAJOR IC INFORMATIONS

[1] MAJOR IC INFORMATIONS

1. MAJOR IC INFORMATIONS

1.1. U401 (MT5363LICG BGA-522)

GENERAL DESCRIPTION

The **MediaTek MT5363LICG** family is a backend decoder and a TV controller and offers high integration for advanced applications. It combines a transport de-multiplexer, a high definition video decoder, an AC3 audio decoder, a dual-link LVDS transmitter, and an NTSC/PAL/SECAM TV decoder with a 3D comb filter (NTSC/PAL). The MT5363LICG enables consumer electronics manufactures to build high quality, low cost and feature-rich iDTVs.

World-Leading Audio/Video Technology: The MT5363LICG supports most Full-HD video decoder standards, including H.264, MPEG4, MPEG2 and JPEG. The MT5363LICG also supports MediaTek MDDi™ de-interlace solution can reach very smooth picture quality for motions. A 3D comb filter added to the TV decoder recovers great details for still pictures. The special color processing technology provides natural, deep colors and true studio quality video. Also, the MT5363LICG family has built-in high resolution and high-quality audio codec.

Rich Features for High Value Products: The MT5363LICG family enables true single-chip experience. It integrates high-quality HDMI1.3, high speed VGA ADC, dual-channel LVDS, USB2.0 receiver and multi-media decoder.

Key Features:

1. DVB-T demodulator
2. A transport demultiplexer
3. A multi-standard video decoder
4. An AC3/MPEG2 audio decoder
5. HDMI1.3 receiver
6. Audio codec
7. Support networking

GENERAL FEATURE LIST

Host CPU

ARM11
 16K I-Cache and 16K D-Cache
 4KB Instruction TCM
 JTAG ICE interface
 Watch Dog timers
 Build-in CPI analyzer and Cache Hit Rate Meter

Transport Demultiplexer

Supports New generation 2 demux design
 Supports one parallel or two serial transport stream input(s) and each rate could up to 80Mbps
 Supports one serial/parallel transport stream output and its rate could up to 72Mbps
 Supports ATSC, DVB, MPEG-2, MPEG-4, and H.264 transport stream and MPEG-2 program stream demultiplexing
 Supports independent TS record and TS playback at the same time with independent data structure (PID setting/configuration/status)
 Supports TS time-shifting and/or background record functions with computation power for up to 3 TS processes
 Supports time stamp insertion for TS record and time stamp remove for TS playback
 Supports DES (64-bit key ECB/CBC) / 3-DES (192 bit key ECB/CBC) / DVB-CSA / AES (128/192/256-bit key ECB/CBC) / Multi-2 de-scramblers for TS
 Up to 8-PID even/odd descrambled keys for each of two transport stream sources (one from demodulator and the other from DRAM)
 Supports AES (128/192/256-bit key ECB/CBC) record encryption and playback decryption
 Supports AES (128/192/256-bit key ECB/CBC/CTR) encryption/decryption for all kinds of stream
 Supports up to 8-PID even/odd descrambled keys for record encryption and playback decryption
 Supports 32 PID filters for record only and 32 PID filters for playback

- Supports up to 32 section filters and also positive / negative / mask section filtering scheme
- Supports hardware CRC-32 calculation for all kinds of streams
- Supports PCR recovery function with or without external VCXO
- Supports DVB-CI 1.0, DVB-CI+, and CableCARD 2.0 (both S-mode and M-mode)
- Supports simple trick play (Playback / Pause / Fast Forward (up to x32)) through USB or Flash
- Supports AVI format data playback with DivX DRM decryption and WMV format data playback with ND (Network Device) DRM
- Supports I/P/B picture or other start code search function
- Supports a stream processor for stream process and video data start code detection

MPEG2 HD Decoder

- MPEG2 MP@ML, MP@HL and MPEG-1 video standards
- Supports de-blocking filter

MPEG1 Decoder

MPEG4 HD Decoder

- ASP@L0~L5 (1920x1088 @ 30 fps)

H.264 (MPEG4 Part 10) HD Decoder (AVC)

- MP@L4.0, HP@L4.0, BP@L3 (baseline) video standard

DivX (XviD) Decoder

RM (Real Media) HD Decoder

- RV8 / 9 /10

Still Image decoding

- JPEG (base-line or progressive)

2D Graphics

- Supports multiple color modes
- Point, horizontal/vertical line primitive drawings
- Rectangle fill and gradient fill functions
- Bitblt with transparent options
- Alpha blending and alpha composition Bitblt
- Stretch Bitblt
- Font rendering by color expansion
- YCbCr to RGB color space conversion

Image Resizer

- Supports 16bpp/32bpp direct color format.
- Supports 420/422 video format.
- Supports 420/422/444 JPEG format.
- Arbitrary ratio vertical/horizontal scaling of video, from 1/128X to 128X
- Simple DMA.

OSD Plane

- Two linking list OSDs with multiple color mode and both of them have scaler

Video Plane

- Supports video capture and over scan.
- Flesh tone management
- Gamma correction
- De-mosquito and de-blocking engine for all AV inputs
- Built-in motion-adaptive 3D Noise Reduction
- Color Transient Improvement (CTI)
- 2D Peaking
- Saturation/hue adjustment
- Brightness and contrast adjustment
- Black and White level extender

Adaptive Luma/Chroma management
 Automatic detect film or video source
 3:2/2:2 pull down source detection
 Supports maximum 1920 width motion-adaptive de-interlace.
 Supports excellent low angle image processing.
 Arbitrary ratio vertical/horizontal scaling of video, from 1/32X to 32X
 Advanced non-linear panorama scaling.
 Programmable zoom viewer
 Progressive scan output
 Supports alpha blending
 Dithering processing for flat panel display
 Frame rate conversion.
 Supports FHD panel and VGA dot-to-dot
 Supports PIP/POP, (dual de-interlace, one HD and one SD)

LVDS

Supports one-channel 6/8/10/12-bit or 6/8/10-bit dual-channel LVDS transmitter
 Built-in spread spectrum for EMI performance
 Programmable panel timing output

CVBS In

On-chip 10-bit video ADC
 Supports PAL (B,G,D,H,M,N,I,Nc), NTSC, NTSC-4.43, SECAM
 NTSC/PAL supports 3D/2D comb filter
 VBI data slicer for CC/TT decoding
 Supports 2-S-Video.
 Max. Supports 4-channel CVBS.
 Supports SCART connector

VGA In

Supports VGA input up to UXGA 162 MHz
 Supports full VESA standards

Component Video In

Supports two component video inputs
 Supports 480i / 480p / 576i / 576p / 720p / 1080i / 1080p

Audio ADC

7 pair / 14 channels to 1 on chip Audio ADC

Audio digital input

1 bit I2S audio input

HDMI Receiver

2 ports HDMI1.3, data rate can be up to 2.25 GHz
 EIA/CEA-861B
 CEC

Video bypass

TVbypass
 CVBS Monitor (any AV input)

TV audio demodulator

Supports BTSC / EIA-J / A2 / NICAM / PAL FM / SECAM world-wide formats
 Standard automatic detection
 Stereo demodulation, SAP demodulation
 Mode selection (Main/SAP/Stereo)

Audio DAC

8 on-chip audio DACs (4-pair) supports R/L channel and subwoofer outputs

DRAM Controller

16/32-bit DDR2 interface

Supports 64Mb to 2Gb DDR DRAM device. 16-bit data bus offers up to 64MB space (one x16 DRAM device), and 32-bit data bus offers up to 512MB space (two x16 DRAM device).

Support DDR2

Audio DSP

Supports Dolby Digital AC-3 decoding (ATSC), E-AC-3 decoding

MPEG-1 layer I/II decoding

Dolby Prologic II

Supports WMA / HE-AAC / ADPCM / LPCM / MP3

Audio output: 5.1ch + 2ch (down mix) + 2ch(bypass) + 2ch(TV bypass)

Pink noise and white noise generator

Equalizer

Bass management

3D surround processing with virtual surround

Audio and video lip synchronization

Automatic volume control

Supports 5-bit (10-channel) main audio I²S output interface: each of these channels is up to 24-bit resolution.

S/PDIF interface

One SPDIF input

One SPDIF out

Digital TV(DVB-T) Demodulator

COFDM (Coded Orthogonal Frequency Division Multiplex) channel demodulator for DVB-T receiver

ETSI 300 744 & Nordig Unified compliant

Excellent performance for SFN (Single Frequency Network) & Indoor reception

Supports 2K, 8K modes

Supports QPSK, 16, 64 QAM constellations

1/4, 1/8, 1/16, 1/32 Guard interval

Supports hierarchical & non-hierarchical modes

Accept 6, 7, 8 MHz channel bandwidth

Automatic mode detection

Full-digital timing/frequency with wide acquisition range

Supports triple offset

Excellent adjacent Channel interference (ACI) rejection capability

Excellent Co-Channel interference (CCI) rejection capability

Fast channel lock time

Analog TV IF Demodulator

Supports PAL/SECAM standard

Supports B/G, DK, I, L, L', M/N standard

Accept IF frequency at 38.25 MHz

Full digital AGC control and carrier recovery

Peripherals

Three built-in UARTs with Tx and Rx FIFO. Two of them have high speed data transferring.

The MT5363LICG family has two basic serial interfaces; one is for the tuner or the master for general purpose, the other is the slave for HDMI EDID data.

Three PWMs

MT5363LICG supports MS/MS-PRO, SD/MMC, and SDHC card reader.

IR receiver

Real-time clock and watchdog controller

The MT5363LICG includes 1-link USB2.0/1.1 (supports external hub) for USB mass storage class device.

Built-in uP in standby module

SDIO interface (for DSG, WiFi or UWB)

Supports two serial flash or one serial and one NAND

Supports six-input low-speed ADC.

Supports boundary scan (JTAG)

Supports MII interface (built-in Ethernet MAC)

IC Outline

The MT5363LICG is 27x27mm BGA Package

3.3V/1.0V and 1.8V for DDR2

1.2. U101 (Si2163 QFN-36)

Description

The analog front-end consists of two ADCs with wide dynamic range (12-bit) to allow operation with standard IF (~36 MHz), Low-IF, or Zero-IF inputs. This enables the use of the Si2163 with any TV tuner, either metal can or silicon tuner based. The Si2163 supports ITU J.83 annex A/C and DVB-C (EN 300 429) and accepts symbol rates from 1 to 7 MSymbol/s. The Si2163 includes a user-configurable 31-tap equalizer for optimum reception even in case of difficult network conditions, such as long echoes. Serial or parallel master MPEG TS output modes are supported. Furthermore, a TS slave parallel mode is available via a GPIF port and provides glue less interface to Silicon Labs' MCU devices with embedded USB interface. The user can optionally program a 32-PID hardware filter to reduce the output TS bit rate (or add more TS security for Pay-TV channels). An embedded DSP controls the scanning operations. The Si2163 supports ultra-fast channel scanning for VHF/UHF cable DTV channels, thanks to proprietary features. For supported tuners, the complete algorithm for fast channel scan, QuickScan, is provided as a downloadable patch file. QuickScan runs on the embedded DSP to limit the host CPU / MPEG decoder software burden. An internal I²C pass-through logic switch acts as an I²C repeater and provides a "quiet" I²C bus to the RF front end. A maximum of six general-purpose inputs/outputs are available; three GPIOs also feature $\Delta\Sigma$ and interrupt output capabilities. Best-in-class demodulation performance is achieved while still maintaining very low-power operation. The Si2163 also includes an IF sub-sampling mode for further reducing power consumption. The Si2163 guarantees a low-cost system implementation due to its minimal BOM and very small package footprint. Si2163 remains pin-to-pin application compatible with Si2165 (multi-standard DVB-T & DVB-C demodulator) and Si2161 (DVB-T demodulator).

Features

- ITU J.83 Annex A/C and DVB-C (EN 300 429) compliant
- NorDig Unified 1.0.3 and C-Book compliant
- Suitable for low power design: 115 mW (typical, 36 MHz IF normal sampling mode)
- Dual 12-bit ADCs: accept 1st IF, low IF, or zero-IF inputs.
- 1 to 7 MBaud symbol rate
- Independent AGC controls (for IF & RF), plus RSSI measurement
- ACI filtering: fixed 8 MHz SAW filter even for low symbol rates
- Ultra fast, DSP controlled, automatic UHF/VHF band scanning (QuickScan)
- Master TS output modes, parallel or serial (with tri-state function)
- Slave TS parallel output: external device polls data from an embedded FIFO. This provides a seamless interface to any USB controller.
- On-chip PID filtering to reduce TS output bit rate
- Up to six GPIOs
- Two 5 V tolerant I2C control buses (host-side, tuner-side) with on-chip I2C logic switch.
- 4, 16, 20, 24, or 27 MHz clock/crystal reference
- 3.3 and 1.2 V power supplies only
- Very compact QFN-36, 5 x 6 mm, RoHS compliant package

Applications

- Digital cable STB, NIM, and iDTV set
- Cable enabled Personal Video Recorder (DVD or HDD-based)
- Digital cable PC-TV card or peripheral

1.3. U402 (NT5TU32M16CG-BD BGA-84)

Features

Speed Sorts	DDR2-533 -37B/-37BI	DDR2-667 -3C/-3CI	DDR2-800 -25D/-25DI	DDR2-800 -25C/-25CI	DDR2-1066 -BE	DDR2-1066 -BD	Units
Bin (CL-tRCD-TRP)	4-4-4	5-5-5	6-6-6	5-5-5	7-7-7	6-6-6	tCK
max. Clock Frequency	266	333	400	400	533	533	MHz
Data Rate	533	667	800	800	1066	1066	Mbps
CAS Latency	4	5	6	5	7	6	tCK
t _{RCD}	15	15	15	12.5	13.125	11.25	ns
t _{RP}	15	15	15	12.5	13.125	11.25	ns
t _{RC}	60	60	60	57.5	53.125	51.25	ns

- 1.8V ± 0.1V Power Supply Voltage
- Programmable CAS Latency: 3,4,5,6 and 7
- Programmable Additive Latency: 0, 1, 2, 3, and 4
- Write Latency = Read Latency -1
- Programmable Burst Length: 4 and 8
- Programmable Sequential / Interleave Burst
- OCD (Off-Chip Driver Impedance Adjustment)
- ODT (On-Die Termination)
- 4 bit prefetch architecture
- 1k page size for x 4 & x 8
2k page size for x16
- Data-Strobes: Bidirectional, Differential
- 4 internal memory banks
- Strong and Weak Strength Data-Output Driver
- Auto-Refresh and Self-Refresh
- Power Saving Power-Down modes
- Industrial grade device supports -40oC ~95oC operating temperature. (-37BI/-3CI/-25DI/-25CI)
- 7.8 μs max. Average Periodic Refresh Interval
- Packages:
 - 60 Ball BGA for x4/x8 components
 - 84 Ball BGA for x16 component
- RoHS Compliance

Description

The 512Mb Double-Data-Rate-2 (DDR2) DRAMs is a highspeed CMOS Double Data Rate 2 SDRAM containing 536,870,912 bits. It is internally configured as a quad-bank DRAM.

The 512Mb chip is organized as either 32Mbit x 4 I/O x 4 banks, 16Mbit x 8 I/O x 4 banks or 8Mbit x 16 I/O x 4 banks device.

The chip is designed to comply with all key DDR2 DRAM key features: (1) posted CAS with additive latency, (2) write latency = read latency -1, (3) normal and weak strength dataoutput driver, (4) variable data-output impedance adjustment and (5) an ODT (On-Die Termination) function.

All of the control and address inputs are synchronized with a pair of externally supplied differential clocks. Inputs are latched at the cross point of differential clocks (CK rising and CK falling). All I/Os are synchronized with a single ended DQS or differential DQS pair in a source synchronous fashion. A 14 bit address bus for x4 and x8 organized components and a 13 bit address bus for x16 components is used to convey row, column, and bank address devices.

These devices operate with a single 1.8V±0.1V power supply and are available in BGA packages.

An Auto-Refresh and Self-Refresh mode is provided along with various power-saving power-down modes.

1.4. U601 (TPA3110D2 15W TSSOP-28)

Features

- 15-W/ch into an 8-Ω Load at 10% THD+N From a 16-V Supply
- 10-W/ch into an 8-Ω Load at 10% THD+N From a 13-V Supply
- Operates from 8 V to 26 V
- 87% Efficient Class-D Operation Eliminates Need for Heat Sinks

- Four Selectable, Fixed Gain Settings
- Differential Inputs
- Thermal and Short-Circuit Protection With Auto Recovery Feature
- Speaker Protection Using Adjustable Power Limit
- DC Detect
- Surface Mount 28-pin TSSOP (PWP) Package

APPLICATIONS

- Televisions
- Consumer Audio Equipment

DESCRIPTION

The TPA3110D2 is a 15-W (per channel) efficient, Class-D audio power amplifier for driving bridged-tied stereo speakers. The TPA3110D2 can drive stereo speakers as low as 4 Ω . The high efficiency of the TPA3110D2, 87%, eliminates the need for an external heat sink when playing music.

The gain of the amplifier is controlled by two gain select pins. The gain selections are 20, 26, 32, 36 dB.

The outputs are fully protected against shorts to GND, VCC, and output-to-output shorts with an auto recovery feature and monitor output.

Speakers may

be protected by an adjustable power limit circuit. Dc detect is also included to prevent speaker damage.

1.5. U602 (TPA6132A2RTER 25mW QFN-16)

FEATURES

- Patented DirectPath™ Technology Eliminates Need for DC-Blocking Capacitors
 - Outputs Biased at 0 V
 - Excellent Low Frequency Fidelity
- Active Click and Pop Suppression
- 2.1 mA Typical Supply Current
- Fully Differential or Single-Ended Inputs
 - Built-In Resistors Reduces Component Count
 - Improves System Noise Performance
- Constant Maximum Output Power from 2.3 V to 5.5 V Supply
 - Simplifies Design to Prevent Acoustic Shock
- Improved RF Noise Immunity
- Microsoft™ Windows Vista™ Compliant
- High Power Supply Noise Rejection
 - 100 dB PSRR at 217 Hz
 - 90 dB PSRR at 10 kHz
- Wide Power Supply Range: 2.3 V to 5.5 V
- Gain Settings: –6 dB, 0 dB, 3 dB, and 6 dB
- Short-Circuit and Thermal-Overload Protection
- ± 8 kV HBM ESD Protected Outputs
- Small Package Available
 - 16-Pin, 3 mm $\times$ 3 mm Thin QFN

APPLICATIONS

- Smart Phones / Cellular Phones
- Notebook Computers
- CD / MP3 Players
- Portable Gaming

DESCRIPTION

The TPA6132A2 (sometimes referred to as TPA6132) is a DirectPath™ stereo headphone amplifier that eliminates the need for external dc-blocking output capacitors. Differential stereo inputs and built-in resistors set the device gain, further reducing external component count. Gain is

selectable at –6 dB, 0 dB, 3 dB or 6 dB. The amplifier drives 25 mW into 16 Ω speakers from a single 2.3 V supply. The TPA6132A2 (TPA6132) provides a constant maximum output power independent of the supply voltage, thus facilitating the design for prevention of acoustic shock. The TPA6132A2 (TPA6132) features fully differential inputs to reduce system noise pickup between the audio source and the headphone amplifier. The high power supply noise rejection performance and differential architecture provides increased RF noise immunity. For single-ended input signals, connect INL+ and INR+ to ground. The device has built-in pop suppression circuitry to completely eliminate disturbing pop noise during turn-on and turn-off. The amplifier outputs have short-circuit and thermal-overload protection along with ± 8 kV HBM ESD protection, simplifying end equipment compliance to the IEC 61000-4-2 ESD standard. The TPA6132A2 (TPA6132) operates from a single 2.3 V to 5.5 V supply with 2.1 mA of typical supply current. Shutdown mode reduces supply current to less than 1 mA.

1.6. U4051 (HY27US08281A-TPIB 128MB TSOP48)

FEATURES SUMMARY

HIGH DENSITY NAND FLASH MEMORIES

- Cost effective solutions for mass storage applications

NAND INTERFACE

- x8 or x16 bus width.
- Multiplexed Address/ Data
- Pinout compatibility for all densities

SUPPLY VOLTAGE

- 3.3V device: VCC = 2.7 to 3.6V : HY27USXX281A

Memory Cell Array

= (512+16) Bytes x 32 Pages x 1,024 Blocks

= (256+8) Words x 32 pages x 1,024 Blocks

PAGE SIZE

- x8 device : (512 + 16 spare) Bytes
: HY27US08281A

- x16 device: (256 + 8 spare) Words
: HY27US16281A

BLOCK SIZE

- x8 device: (16K + 512 spare) Bytes
- x16 device: (8K + 256 spare) Words

PAGE READ / PROGRAM

- Random access: 10us (max.)
- Sequential access: 3.3V device: 50ns (min.)
- Page program time: 200us (typ.)

COPY BACK PROGRAM MODE

- Fast page copy without external buffering

FAST BLOCK ERASE

- Block erase time: 2ms (Typ.)

STATUS REGISTER

ELECTRONIC SIGNATURE

- Manufacturer Code
- Device Code

CHIP ENABLE DON'T CARE OPTION

- Simple interface with microcontroller

AUTOMATIC PAGE 0 READ AT POWER-UP OPTION

- Boot from NAND support
- Automatic Memory Download

SERIAL NUMBER OPTION

HARDWARE DATA PROTECTION

- Program/Erase locked during Power transitions

DATA INTEGRITY

- 100,000 Program/Erase cycles
- 10 years Data Retention

PACKAGE

- HY27US(08/16)281A-T(P)
- : 48-Pin TSOP1 (12 x 20 x 1.2 mm)
- HY27US(08/16)281A-T (Lead)
- HY27US(08/16)281A-TP (Lead Free)
- HY27US(08/16)281A-S(P)
- : 48-Pin USOP1 (12 x 17 x 0.65 mm)
- HY27US(08/16)281A-S (Lead)
- HY27US(08/16)281A-SP (Lead Free)

SUMMARY DESCRIPTION

The HYNIX HY27US(08/16)281A series is a 16Mx8bit with spare 4G bit capacity. The device is offered in 1.8V Vcc Power Supply and in 3.3V Vcc Power Supply.

Its NAND cell provides the most cost-effective solution for the solid state mass storage market.

The memory is divided into blocks that can be erased independently so it is possible to preserve valid data while old data is erased.

The device contains 1024 blocks, composed by 32 pages consisting in two NAND structures of 16 series connected Flash cells.

A program operation allows to write the 512-byte page in typical 200us and an erase operation can be performed in typical 2ms on a 16K-byte(X8 device) block.

Data in the page mode can be read out at 50ns cycle time per byte. The I/O pins serve as the ports for address and data input/output as well as command input. This interface allows a reduced pin count and easy migration towards different densities, without any rearrangement of footprint.

Commands, Data and Addresses are synchronously introduced using CE#, WE#, ALE and CLE input pin. The on-chip Program/Erase Controller automates all program and erase functions including pulse repetition, where required, and internal verification and margining of data.

The modifying can be locked using the WP# input pin.

The output pin RB# (open drain buffer) signals the status of the device during each operation. In a system with multiple memories the RB# pins can be connected all together to provide a global status signal.

Even the write-intensive systems can take advantage of the HY27US(08/16)281A extended reliability of 100K program/erase cycles by providing ECC (Error Correcting Code) with real time mapping-out algorithm.

Optionally the chip could be offered with the CE# don't care function. This option allows the direct download of the code from the NAND Flash memory device by a microcontroller, since the CE# transitions do not stop the read operation.

The copy back function allows the optimization of defective blocks management: when a page program operation fails the data can be directly programmed in another page inside the same array section without the time consuming serial data insertion phase.

This device includes also extra features like OTP/Unique ID area, Block Lock mechanism, Automatic Read at Power Up, Read ID2 extension.

The Hynix HY27US(08/16)281A series is available in 48 - TSOP1 12 x 20 mm, 48 - USOP1 12 x 17 mm.

1.7. U4053 (MAX3232EEUE TSSOP-16)

General Description

The MAX3222E/MAX3232E/MAX3237E/MAX3241E/MAX3246E +3.0V-powered EIA/TIA-232 and V.28/V.24 communications interface devices feature low power consumption, high data-rate capabilities, and enhanced electrostatic-discharge (ESD) protection. The enhanced ESD structure protects all transmitter outputs and receiver inputs to $\pm 15\text{kV}$ using IEC 1000-4-2 Air-Gap Discharge, $\pm 8\text{kV}$ using IEC 1000-4-2 Contact Discharge ($\pm 9\text{kV}$ for MAX3246E), and $\pm 15\text{kV}$ using the Human Body Model. The logic and receiver I/O pins of the MAX3237E are protected to the above standards, while the transmitter output pins are protected to $\pm 15\text{kV}$ using the Human Body Model.

LC-26SH330, LC-32SH330, LC-42SH330

A proprietary low-dropout transmitter output stage delivers true RS-232 performance from a +3.0V to +5.5V power supply, using an internal dual charge pump. The charge pump requires only four small 0.1 μ F capacitors for operation from a +3.3V supply. Each device guarantees operation at data rates of 250kbps while maintaining RS-232 output levels. The MAX3237E guarantees operation at 250kbps in the normal operating mode and 1Mbps in the MegaBaud™ operating mode, while maintaining RS-232 compliant output levels.

The MAX3222E/MAX3232E have two receivers and two transmitters. The MAX3222E features a 1 μ A shutdown mode that reduces power consumption in battery-powered portable systems. The MAX3222E receivers remain active in shutdown mode, allowing monitoring of external devices while consuming only 1 μ A of supply current. The MAX3222E and MAX3232E are pin, package, and functionally compatible with the industry-standard MAX242 and MAX232, respectively.

The MAX3241E/MAX3246E are complete serial ports (three drivers/five receivers) designed for notebook and subnotebook computers. The MAX3237E (five drivers/three receivers) is ideal for peripheral applications that require fast data transfer. These devices feature a shutdown mode in which all receivers remain active, while consuming only 1 μ A (MAX3241E/MAX3246E) or 10nA (MAX3237E).

The MAX3222E, MAX3232E, and MAX3241E are available in space-saving SO, SSOP, TQFN and TSSOP packages. The MAX3237E is offered in an SSOP package. The MAX3246E is offered in the ultra-small 6 x 6 UCSP™ package.

Applications

Battery-Powered Equipment Printers

Cell Phones Smart Phones

Cell-Phone Data Cables xDSL Modems

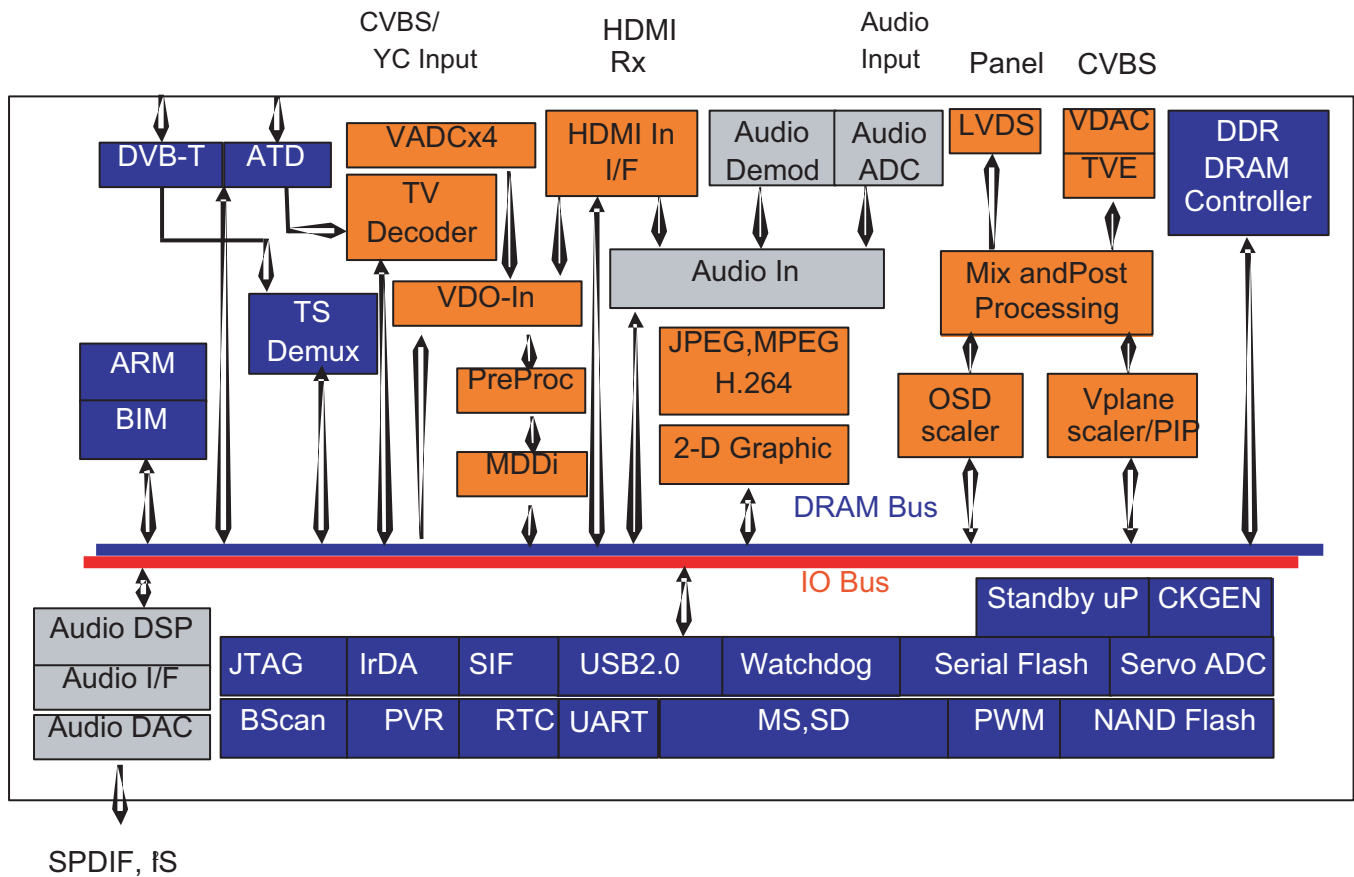
Notebook, Subnotebook,

and Palmtop Computers

2. Detailed ICs Information

2.1. U401 (MT5363LICG BGA-522)

2.1.1 Block Diagram



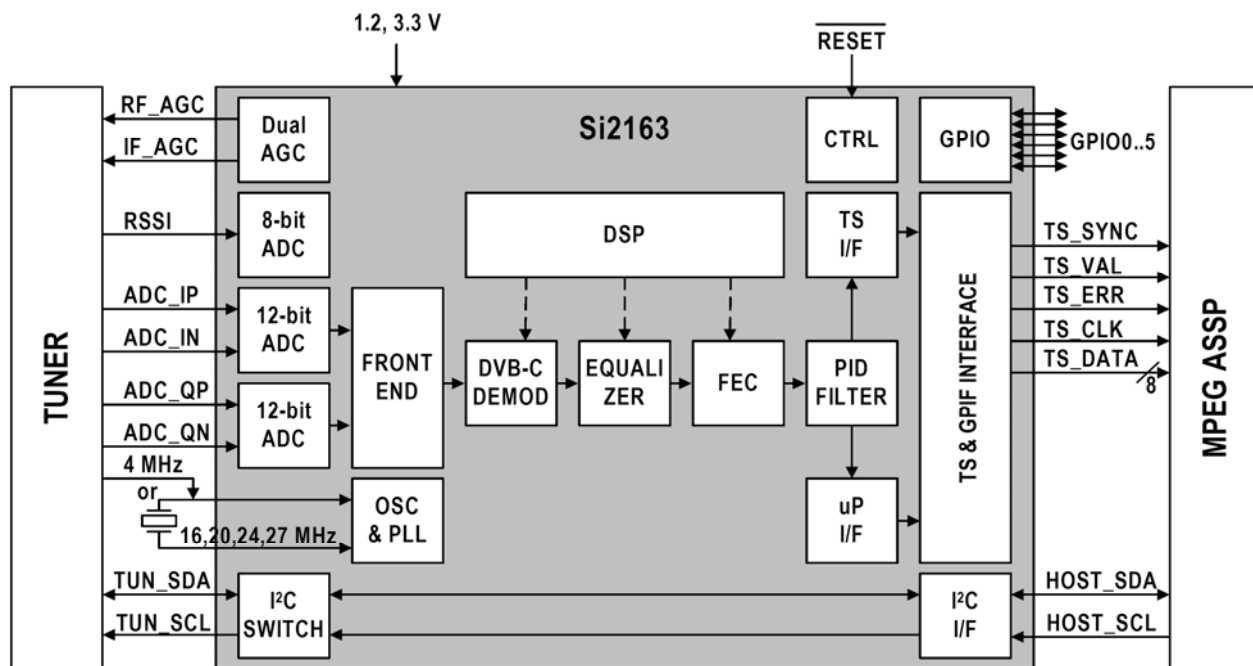
2.1.2 Pin Connections

LT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
A		RCLK0_		RDQ10		RDQ15		RDQS0_		RDQ14		RDQ12				AO1N		AOCKN	
B	VCC2IO		RCLK0		RDQ8		RDQS1		RDQS0		RDQ11		VCC2IO		AO0N		AO2N		AO3N
C		VCC2IO		RDQ13		RDQS1_		DVSS		RDQM1		VCC2IO				AO1P		AOCKP	
D	RA9		VCC2IO		RDQ5		RDQ0		DVSS		RDQ9		VCC2IO		AO0P		AO2P		AO3P
E		RA12		VCC2IO		RDQ2		DVSS		RDQM0		VCC2IO		VCC2IO		AE0N		AE2N	
F	RA5		RA7		VCC2IO		RDQ7		DVSS		RDQ6		VCC2IO		AVDD33_LVDS		AE1N		AECKN
G		RA10		RA3		VCC2IO		DVSS		DVSS		RDQ3		VCC2IO		AE0P		AE2P	
H	RBA2		RBA0		RA1		VCC2IO				RDQ1		RDQ4		AVDD33_LVDS		AE1P		AECKP
J		RBA1		DVSS		DVSS								VCC2IO				AVSS33_LVDS	
K	RCKE		RWE_		MEMTN		MEMTP												
L		RCAS_		DVSS		DVSS													
M	RA13		RA2		RA4		RA6												TP_VPLL
N		RA11		RA0		RODT		RVREF						DVSS		AVDD12_LVDS		AVDD12_VPLL	
P	RA8		RCS_		RRAS_		RVREF						AVDD12_MEMPLL		DVSS		AVSS12_LVDS		AVSS12_VPLL
R		VCC2IO		VCC2IO		VCC2IO								DVSS		VCCK		DVSS	
T	RDQ19		RDQ20		RDQ30		RDQ25						AVSS12_MEMPLL		DVSS		DVSS		DVSS
U		RDQ22		RDQ17		RDQM3								VCCK		DVSS		DVSS	
V	RDQM2		RDQS2		RDQ28		RDQ27						VCCK		DVSS		DVSS		DVSS
W		RDQS2		DVSS		DVSS								DVSS		DVSS		DVSS	
Y	RDQS3		DVSS		RDQ24		RDQ31						VCCK		VCCK		DVSS		DVSS
AA		RDQS3_		RDQ29		RDQ26								VCCK		DVSS		DVSS	
AB	RDQ16		RDQ23		REXTDN								DVSS		DVSS		DVSS		DVSS
AC		RDQ21		RDQ18		VCC2IO								DVSS		DVSS		DVSS	
AD	RCLK1		RCLK1_		VCC2IO		VCC2IO						DVSS		VCCK		VCCK		VCCK
AE		VCC2IO		VCC2IO		GPIO39		DVSS						VCCK		VCCK		VCCK	
AF	VCC2IO		VCC2IO		GPIO37		GPIO40		DVSS				VCCIO33-1		VCCIO33-1				
AG		GPIO38		GPIO41		GPIO42							VCCK						
AH	GPIO44		GPIO43		JTDO		VCCK												
AJ		JTDI		JTMS		VCCK		VCCK											
AK	JTRST_		JTCK		VCCK		VCCK												
AL		VCCK		VCCK		VCCK		VCCK		AVDD12_USB		HDMI_S_CL2		HDMI_S_DA2		PWR5V_1		HDMI_H_PD1	
AM	VCCK		VCCK		VCCK		VCCK		AVSS12_USB		AVDD33_USB		AVDD33_HDMI		PWR5V_2		HDMI_S_CL1		OPCTRL_1
AN		VCCK		VCCK		POCE1_				USB_VRT		AVSS33_HDMI		HDMI_C_EC		HDMI_H_PD2		HDMI_S_DA1	
AP	OSDA0		OSCL0		PDD1		PDD4		AVSS33_USB		AVDD12_HDMI		RX2_0		RX2_2		RX1_0		RX1_2
AR		PDD0		PAALE		PDD2		PDD6		USB_DM		RX2_C		RX2_1		RX1_C		RX1_1	
AT	POCE0_		POWE_		PARB_		PDD5		AVSS33_USB		AVSS33_USB		RX2_0B		RX2_2B		RX1_0B		RX1_2B
AU		POOE_		PACLE		PDD3		PDD7		USB_DP		RX2_CB		RX2_1B		RX1_CB		RX1_1B	
AV	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19

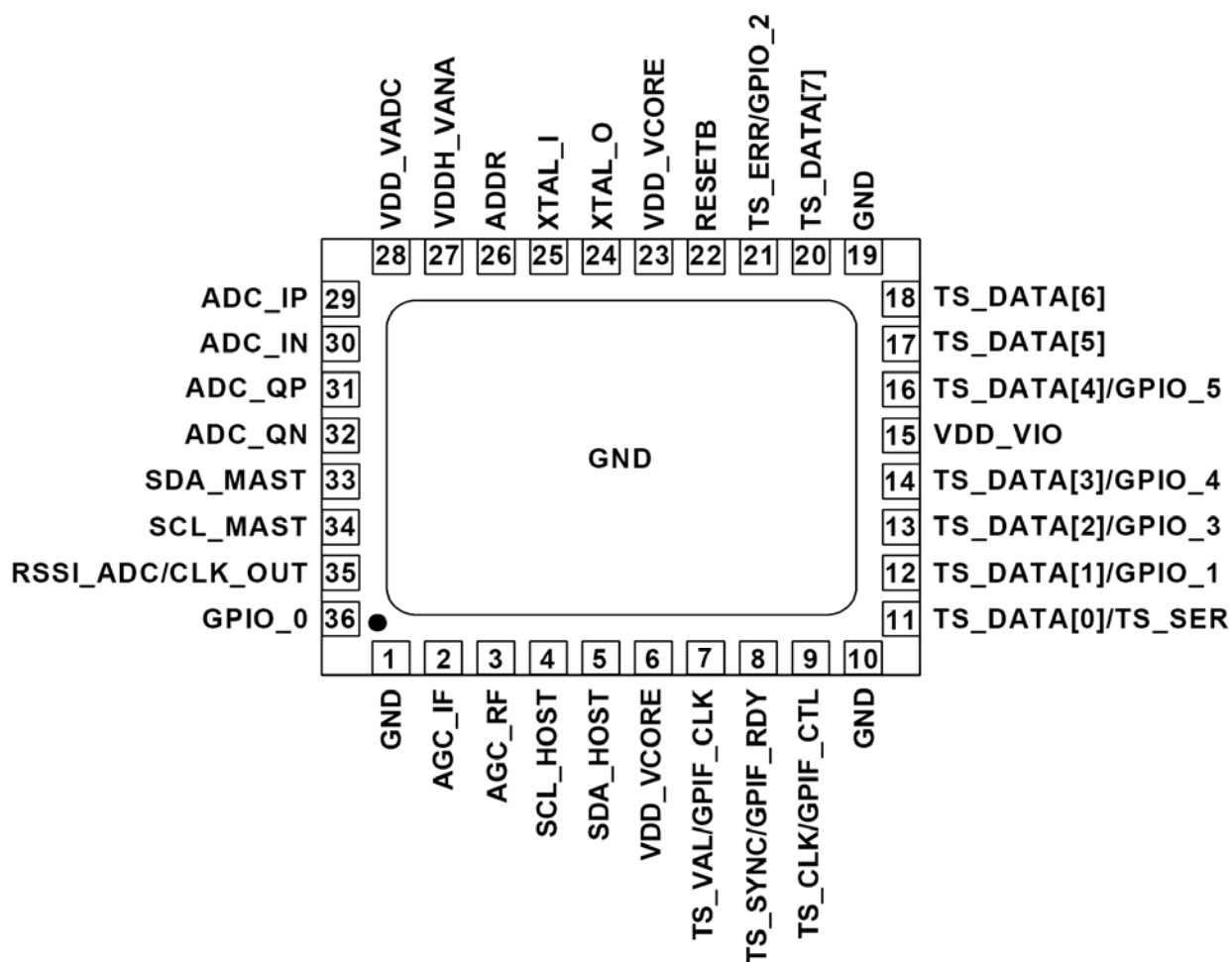
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	RT	
AO4N		GPIO35				GPIO21				GPIO3		ETTXD0		ETRXD2		ETRXD0			A
	DVSS		GPIO32		GPIO26		GPIO17		GPIO9		ETTXD3		ETRXCLK		ETRXD1		ETRXDV		B
AO4P		GPIO36		GPIO28		GPIO22		GPIO11		GPIO4		ETTXD1		ETRXD3		ETCRS			C
	DVSS		GPIO34		GPIO27		GPIO18		GPIO10		ETTXEN		ETTXCLK		ETRXER		ETMDIO		D
AE3N		DVSS		GPIO30		GPIO20		GPIO12		GPIO6		ETTXD2		ETTXER		ETMDC			E
	AE4N		GPIO33		GPIO24		GPIO16		GPIO8		ETPHYCLK		CI_MCLKO		CI_MCLKI		CI_MOSTRT		F
AE3P		DVSS		GPIO29		GPIO19		GPIO14		GPIO5		ETCOL		CI_MIVAL		CI_MOVEAL			G
	AE4P		VCCIO33		GPIO25		GPIO15		GPIO7		VCCIO33		CI_MISTRT		CI_MDIO		CI_MDO		H
				GPIO31		GPIO23		GPIO13		VCCIO33		GPIO2		OPWM0		OPWM1	0		J
											AOSDAT_A3		ASPDIF		GPIO0		GPIO1		K
										FSRC_WR		ALIN		AOBCK		AOSDAT_A0			L
											IF_AGC		RF_AGC		AOMCLK		AOLRCK		M
DVSS		VCCK		VCCK								AOSDAT_A4		TUNER_DATA		TUNER_CLK			N
	DVSS		DVSS		DVSS						OSCL2		OSDA2		AOSDAT_A1		AOSDAT_A2		P
DVSS		DVSS		DVSS							OSDA1		OSCL1			U1RX			R
	DVSS		DVSS		VCCK						AVDD33_ADAC1		OPWM2		U1TX		VCXO		T
DVSS		DVSS		DVSS						AVSS33_ADAC1		AL1		AR2		AR3			U
	DVSS		DVSS		VCCK						VCCIO33		AR1		AL2		AL3		V
DVSS		DVSS		VCCK						AVDD33_REF_A		VCCIO33		VCCIO33		VCCIO33			W
	DVSS		DVSS		VCCK					AVSS33_REF_AA		AVDD33_AADC		AVSS33_AADC		AIN5_R_AADC		AIN6_R_AADC	Y
DVSS		DVSS		VCCK							VMID_A_ADC		AIN4_L_AADC		AIN5_L_AADC		AIN6_L_AADC		AA
	DVSS		DVSS		VCCK							AIN1_L_AADC		AIN4_R_AADC		AIN2_R_AADC		AIN3_R_AADC	AB
DVSS		DVSS		DVSS								AIN1_R_AADC		AIN0_R_AADC		AIN3_L_AADC			AC
	DVSS		DVSS		DVSS								AIN0_L_AADC		AIN2_L_AADC				AD
VCCK		VCCK		DVSS										AVSS33_ADAC0		AR0			AE
									AVDD12_TVDPLL				AVDD33_3_ADA		AVICM		AL0		AF
										AVDD12_APLL		AVDD12_SYSPLL		AVDD33_3_DEM		AVSS33_DEMOD1			AG
									AVSS12_PLL		AVSS12_PLL		AVDD12_ADCPLL		ADCINN_DEMOD		ADCINP_DEMOD		AH
										AVSS33_DIG				XTALO		XTALI			AJ
									AVSS33_SIF		AVDD33_DIG		ADIN1_S_RV		AVDD33_XTAL_S		AVSS33_XT		AK
OPWRSB		ORESET		AVSS33_VGA_ST						AVDD33_SIF		ADIN0_S_RV		ADIN3_S_RV		ADIN5_S_RV			AL
	OPCTRL0		AVDD10_LDO		AVDD12_RGB				FS_VDAC		BYPASS0		AF		ADIN2_S_RV		ADIN4_S_RV		AM
OPCTRL2		OIRI		AVDD33_VGA_S		AVSS12_RGB				AVDD33_VDAC		AVDD33_CVBS		MPXP		MPXN			AN
	U0TX		SOG		SOY1		PR1P		PB0P		VDAC_O		SY0		CVBS2P		TUNER_		AP
OPCTRL3		HSYNC		COM		COM1		Y0P		AVSS33_VDAC		UT1		SY1		CVBS0N		BYPASS	AR
	U0RX		BP		RP		PB1P		COM0		VDAC_O_UT2		CVBS		SC0		CVBS3P		AT
OPCTRL4		VSNC		GP		Y1P		SOY0		PR0P				SC1		CVBS1P			AU
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37		RB

2.2. U101 (Si2163 QFN-36)

2.2.1 Block Diagram

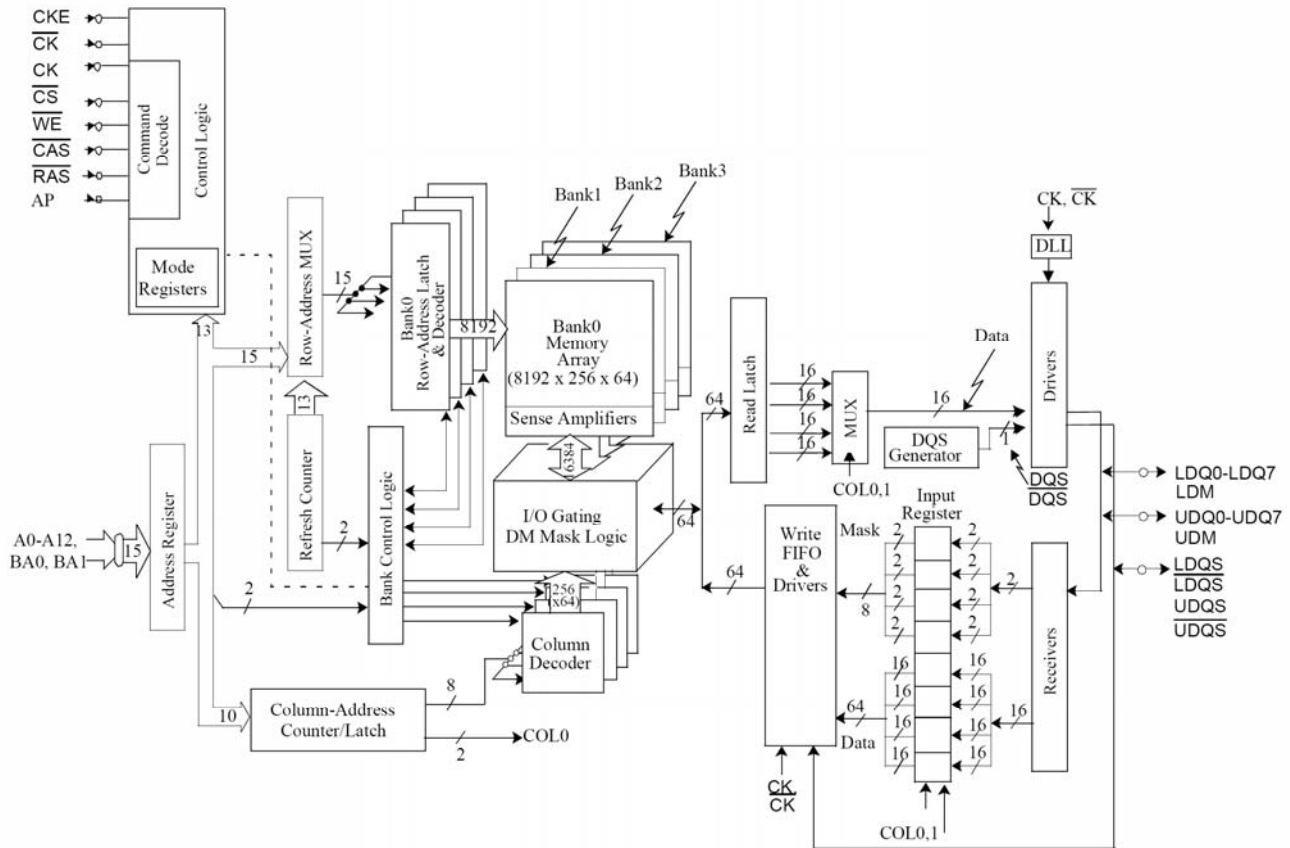


2.2.2 Pin Connections and short description



2.3. U402 (NT5TU32M16CG-BD BGA-84)

2.3.1 Block Diagram



Note: This Functional Block Diagram is intended to facilitate user understanding of the operation of the device; it does not represent an actual circuit implementation.

Note: DM is a unidirectional signal (input only), but is internally loaded to match the load of the bidirectional DQ and DQS signals.

2.3.2 Pin Connections and short description

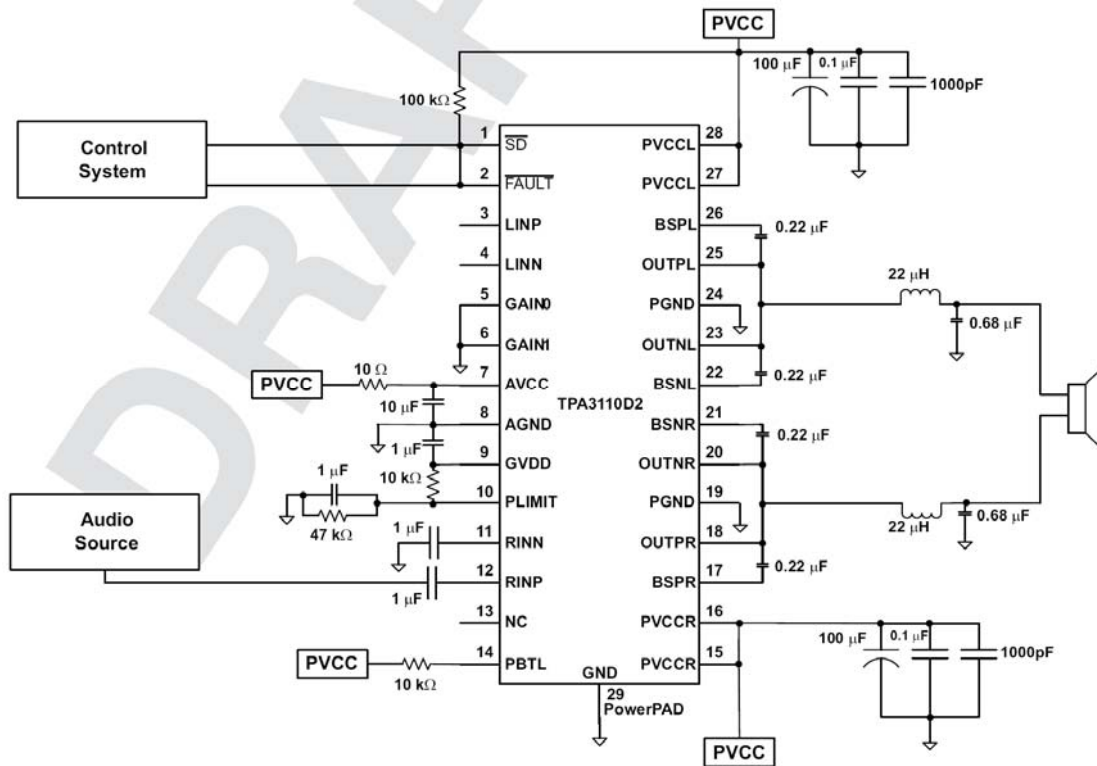
x 16					
1	2	3	7	8	9
VDD	NC	VSS	A VSSQ	UDQS	VDDQ
DQ14	VSSQ	UDM	B UDQS	VSSQ	DQ15
VDDQ	DQ9	VDDQ	C VDDQ	DQ8	VDDQ
DQ12	VSSQ	DQ11	D DQ10	VSSQ	DQ13
VDD	NC	VSS	E VSSQ	LDQS	VDDQ
DQ6	VSSQ	LDM	F LDQS	VSSQ	DQ7
VDDQ	DQ1	VDDQ	G VDDQ	DQ0	VDDQ
DQ4	VSSQ	DQ3	H DQ2	VSSQ	DQ5
VDDL	VREF	VSS	J VSSDL	CK	VDD
NC	BA0	BA1	K RAS	CK	ODT
	A10/AP	A1	L CAS	CS	
VSS	A3	A5	M A2	A0	VDD
	A7	A9	N A6	A4	
VDD	A12	NC	P A11	A8	VSS
			R NC	NC	

Input/Output Functional Description

Symbol	Type	Function
CK, $\overline{\text{CK}}$	Input	Clock: CK and $\overline{\text{CK}}$ are differential clock inputs. All address and control input signals are sampled on the crossing of the positive edge of CK and negative edge of $\overline{\text{CK}}$. Output (read) data is referenced to the crossings of CK and $\overline{\text{CK}}$ (both directions of crossing).
CKE	Input	Clock Enable: CKE high activates and CKE low deactivates internal clock signals and device input buffers and output drivers. Taking CKE low provides Precharge Power-Down and Self-Refresh operation (all banks idle), or Active Power-Down (row Active in any bank). CKE is synchronous for power down entry and exit and for Self-Refresh entry. CKE is asynchronous for Self-Refresh exit. <u>CKE</u> must be maintained high throughout read and write accesses. Input buffers, excluding CK, $\overline{\text{CK}}$, ODT and CKE are disabled during Power Down. Input buffers, excluding CKE are disabled during Self-Refresh.
$\overline{\text{CS}}$	Input	Chip Select: All command are masked when $\overline{\text{CS}}$ is registered high. $\overline{\text{CS}}$ provides for external rank selection on systems with multiple memory ranks. $\overline{\text{CS}}$ is considered part of the command code.
$\overline{\text{RAS}}$, $\overline{\text{CAS}}$, $\overline{\text{WE}}$	Input	Command Inputs: $\overline{\text{RAS}}$, $\overline{\text{CAS}}$ and $\overline{\text{WE}}$ (along with $\overline{\text{CS}}$) define the command being entered.
DM, LDM, UDM	Input	Input Data Mask: DM is an input mask signal for write data. Input data is masked when DM is sampled high coincident with that input data during a Write access. DM is sampled on both edges of DQS. Although DM pins are input only, the DM loading matches the DQ and DQS loading. LDM and UDM are the input mask signals for x16 components and control the lower or upper bytes. For x8 components the data mask function is disabled, when RDQS / $\overline{\text{RDQS}}$ are enabled by EMR(1) command.
BA0, BA1	Input	Bank Address Inputs: BA0 and BA1 define to which bank an Active, Read, Write or Precharge command is being applied. BA0 and BA1 also determines if the mode register or extended mode register is to be accessed during a MRS or EMR cycle.
A0 - A13	Input	Address Inputs: Provides the row address for Activate commands and the column address and Auto-Precharge bit A10 (=AP) for Read/Write commands to select one location out of the memory array in the respective bank. A10 (=AP) is sampled during a Precharge command to determine whether the Precharge applies to one bank (A10=low) or all banks (A10=high). If only one bank is to be precharged, the bank is selected by BA0 and BA1. The address inputs also provide the op-code during Mode Register Set commands. Row address A13 is used on x4 and x8 components only.
DQ	Input/Output	Data Inputs/Output: Bi-directional data bus.
DQS, $\overline{\text{DQS}}$ LDQS, $\overline{\text{LDQS}}$, UDQS, $\overline{\text{UDQS}}$	Input/Output	Data Strobe: output with read data, input with write data. Edge aligned with read data, centered with write data. For the x16, LDQS corresponds to the data on LDQ0 - LDQ7; UDQS corresponds to the data on UDQ0-UDQ7. The data strobes DQS, LDQS, UDQS may be used in single ended mode or paired with the optional complementary signals $\overline{\text{DQS}}$, $\overline{\text{LDQS}}$, $\overline{\text{UDQS}}$ to provide differential pair signaling to the system during both reads and writes. An EMR(1) control bit enables or disables the complementary data strobe signals.
RDQS, $\overline{\text{RDQS}}$	Input/Output	Read Data Strobe: For the x8 components a RDQS, $\overline{\text{RDQS}}$ pair can be enabled via the EMR(1) for read timing. RDQS, $\overline{\text{RDQS}}$ is not supported on x4 and x16 components. RDQS, $\overline{\text{RDQS}}$ are edge-aligned with read data. If RDQS, $\overline{\text{RDQS}}$ is enabled, the DM function is disabled on x8 components.
ODT	Input	On Die Termination: ODT (registered HIGH) enables termination resistance internal to the DDR2 SDRAM. When enabled, ODT is applied to each DQ, DQS, $\overline{\text{DQS}}$ and DM signal for x4 and DQ, DQS, $\overline{\text{DQS}}$, RDQS, $\overline{\text{RDQS}}$ and DM for x8 configurations. For x16 configuration ODT is applied to each DQ, UDQS, $\overline{\text{UDQS}}$, LDQS, $\overline{\text{LDQS}}$, UDM and LDM signal. The ODT pin will be ignored if the EMR(1) is programmed to disable ODT.
NC		No Connect: No internal electrical connection is present.
V _{DDQ}	Supply	DQ Power Supply: 1.8V +/- 0.1V
V _{SSQ}	Supply	DQ Ground
V _{DDL}	Supply	DLL Power Supply: 1.8V +/- 0.1V
V _{SSDL}	Supply	DLL Ground
V _{DD}	Supply	Power Supply: 1.8V +/- 0.1V
V _{SS}	Supply	Ground
V _{REF}	Supply	SSTL_1.8 reference voltage

2.4. U601 (TPA3110D2 15W TSSOP-28)

2.4.1 Block Diagram

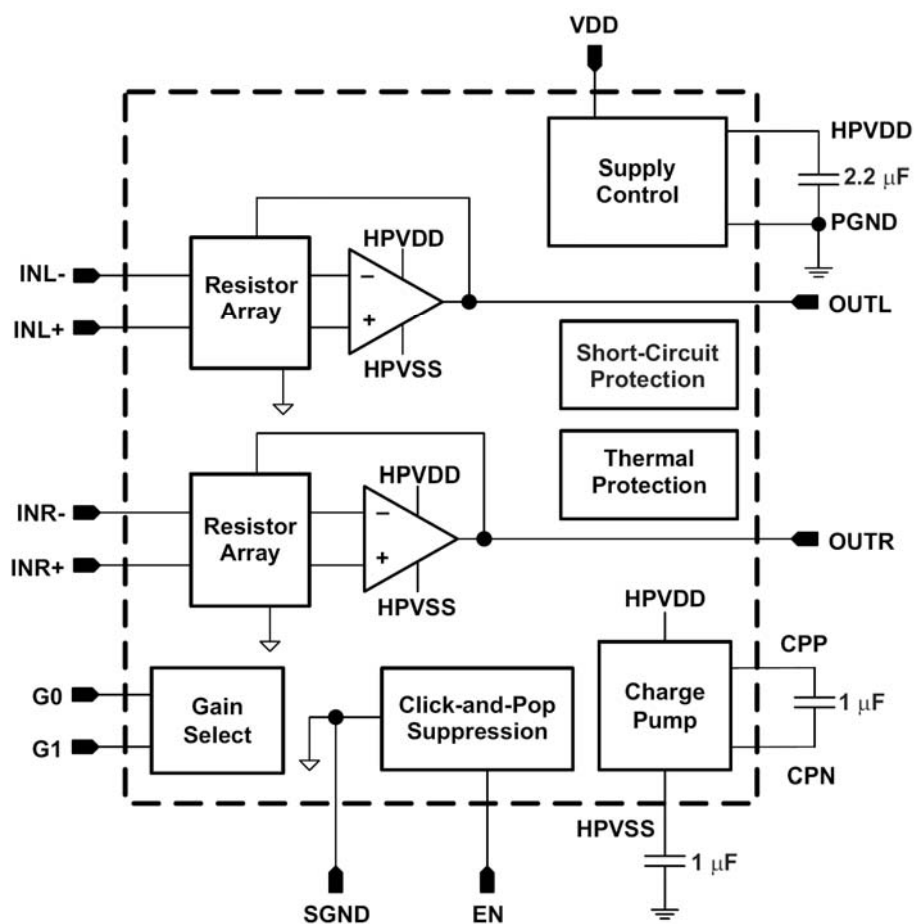


2.4.2 Pin Connections and short description

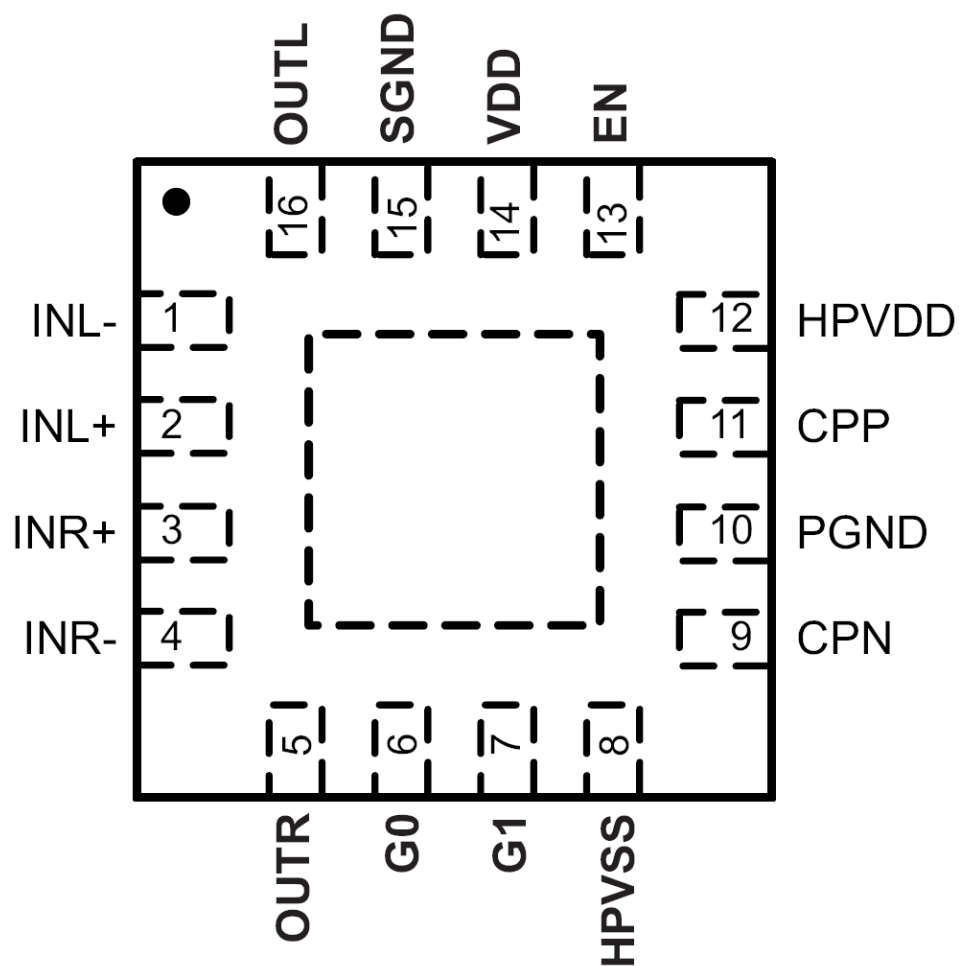
1	SD	PVCCCL	28
2	FAULT	PVCCCL	27
3	LINP	BSPL	26
4	LINN	OUTPL	25
5	GAIN0	PGND	24
6	GAIN1	OUTNL	23
7	AVCC	BSNL	22
8	AGND	BSNR	21
9	GVDD	OUTNR	20
10	PLIMIT	PGND	19
11	RINN	OUTPR	18
12	RINP	BSPR	17
13	NC	PVCCR	16
14	PBTL	PVCCR	15
	GND		
	29 PowerPAD		

2.5. U602 (TPA6132A2RTER 25mW QFN-16)

2.5.1 Block Diagram



2.5.2 Pin Connections and short description

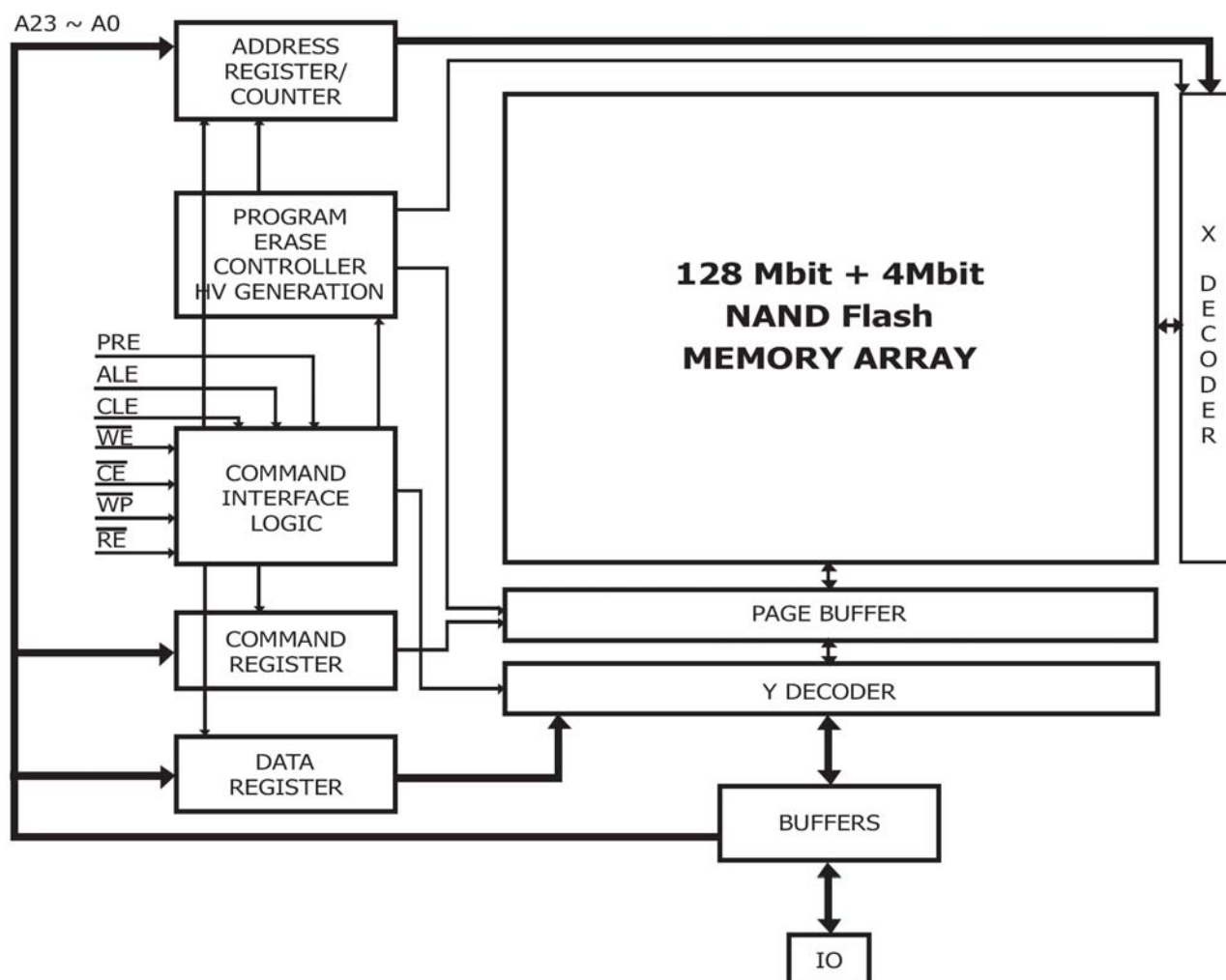


Pin configuration

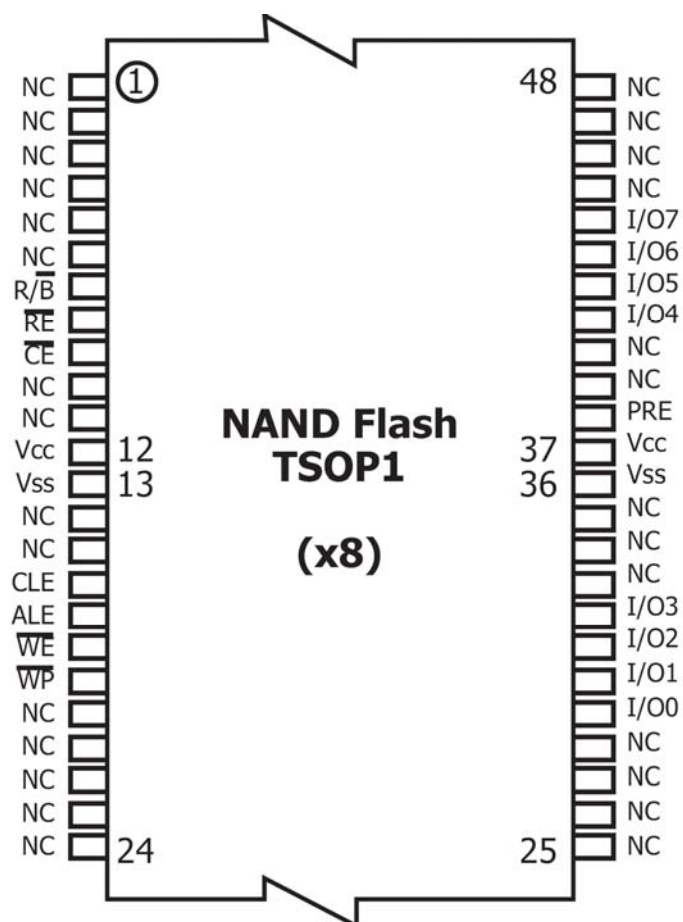
PIN		I/O/P	PIN DESCRIPTION
NAME	QFN		
INL-	1	I	Inverting left input for differential signals; left input for single-ended signals
INL+	2	I	Non-inverting left input for differential signals. Connect to ground for single-ended input applications
INR+	3	I	Non-inverting right input for differential signals. Connect to ground for single-ended input applications
INR-	4	I	Inverting right input for differential signals; right input for single-ended signals
OUTR	5	O	Right headphone amplifier output. Connect to right terminal of headphone jack
G0	6	I	Gain select
G1	7	I	Gain select
HPVSS	8	P	Charge pump output and negative power supply for output amplifiers; connect 1 μ F capacitor to GND
CPN	9	P	Charge pump negative flying cap. Connect to negative side of 1 μ F capacitor between CPP and CPN
PGND	10	P	Ground
CPP	11	P	Charge pump positive flying cap. Connect to positive side of 1 μ F capacitor between CPP and CPN
HPVDD	12	P	Positive power supply for headphone amplifiers. Connect to a 2.2 μ F capacitor. Do not connect to VDD
EN	13	I	Amplifier enable. Connect to logic low to shutdown; connect to logic high to activate
VDD	14	P	Positive power supply for TPA6132A2
SGND	15	I	Amplifier reference voltage. Connect to ground terminal of headphone jack
OUTL	16	O	Left headphone amplifier output. Connect to left terminal of headphone jack
Thermal Pad	–	P	Solder the exposed metal pad on the TPA6132A2RTE QFN package to the landing pad on the PCB. Connect the landing pad to ground or leave it electrically unconnected (floating).

2.6. U4051 (HY27US08281A-TPIB 128MB TSOP48)

2.6.1 Block Diagram



2.6.2 Pin Connections and short description

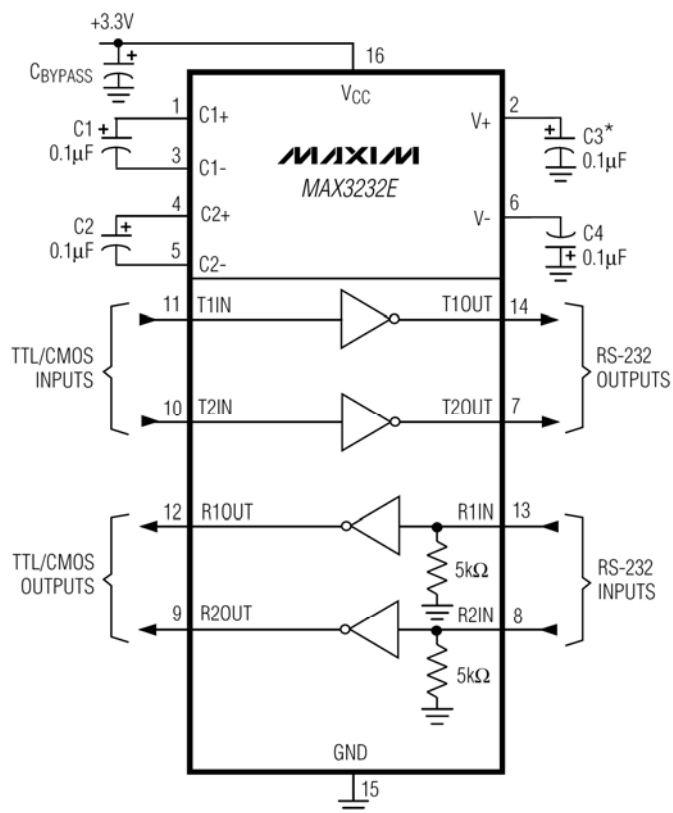


Pin configuration

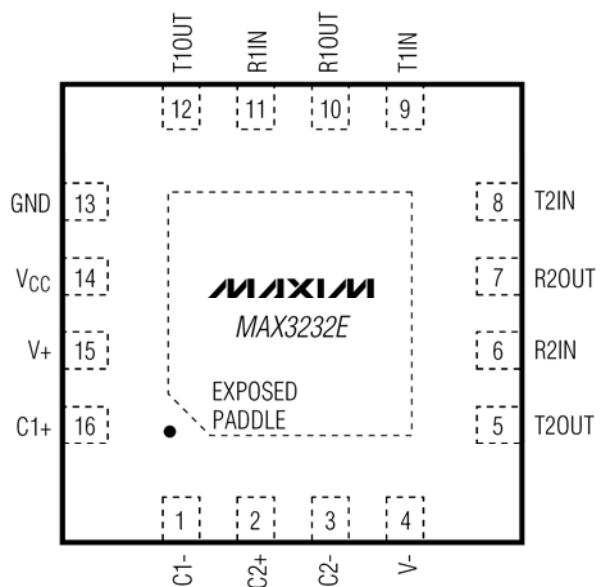
Pin Name	Description
IO0-IO7 IO8-IO15(1)	DATA INPUTS/OUTPUTS The IO pins allow to input command, address and data and to output data during read / program operations. The inputs are latched on the rising edge of Write Enable (WE#). The I/O buffer float to High-Z when the device is deselected or the outputs are disabled.
CLE	COMMAND LATCH ENABLE This input activates the latching of the IO inputs inside the Address Register on the Rising edge of Write Enable (WE#).
ALE	ADDRESS LATCH ENABLE This input activates the latching of the IO inputs inside the Command Register on the Rising edge of Write Enable (WE#).
CE#	CHIP ENABLE This input controls the selection of the device. When the device is busy CE# low does not deselect the memory.
WE#	WRITE ENABLE This input acts as clock to latch Command, Address and Data. The IO inputs are latched on the rise edge of WE#.
RE#	READ ENABLE The RE# input is the serial data-out control, and when active drives the data onto the I/O bus. Data is valid tREA after the falling edge of RE# which also increments the internal column address counter by one.
WP#	WRITE PROTECT The WP# pin, when Low, provides an Hardware protection against undesired modify (program / erase) operations.
RB#	READY BUSY The Ready/Busy output is an Open Drain pin that signals the state of the memory.
VCC	SUPPLY VOLTAGE The VCC supplies the power for all the operations (Read, Write, Erase).
VSS	GROUND
NC	NO CONNECTION
PRE	To Enable and disable the Lock mechanism and Power On Auto Read. When PRE is a logic high, Block Lock mode and Power-On Auto-Read mode are enabled, and when PRE is a logic low, Block Lock mode and Power-On Auto-Read mode are disabled. Power-On Auto-Read mode is available only on 3.3V device. Not using LOCK MECHANISM & POWER-ON AUTO-READ, connect it Vss or leave it N.C.

2.7. U4053 (MAX3232EEUE TSSOP-16)

2.7.1 Block Diagram



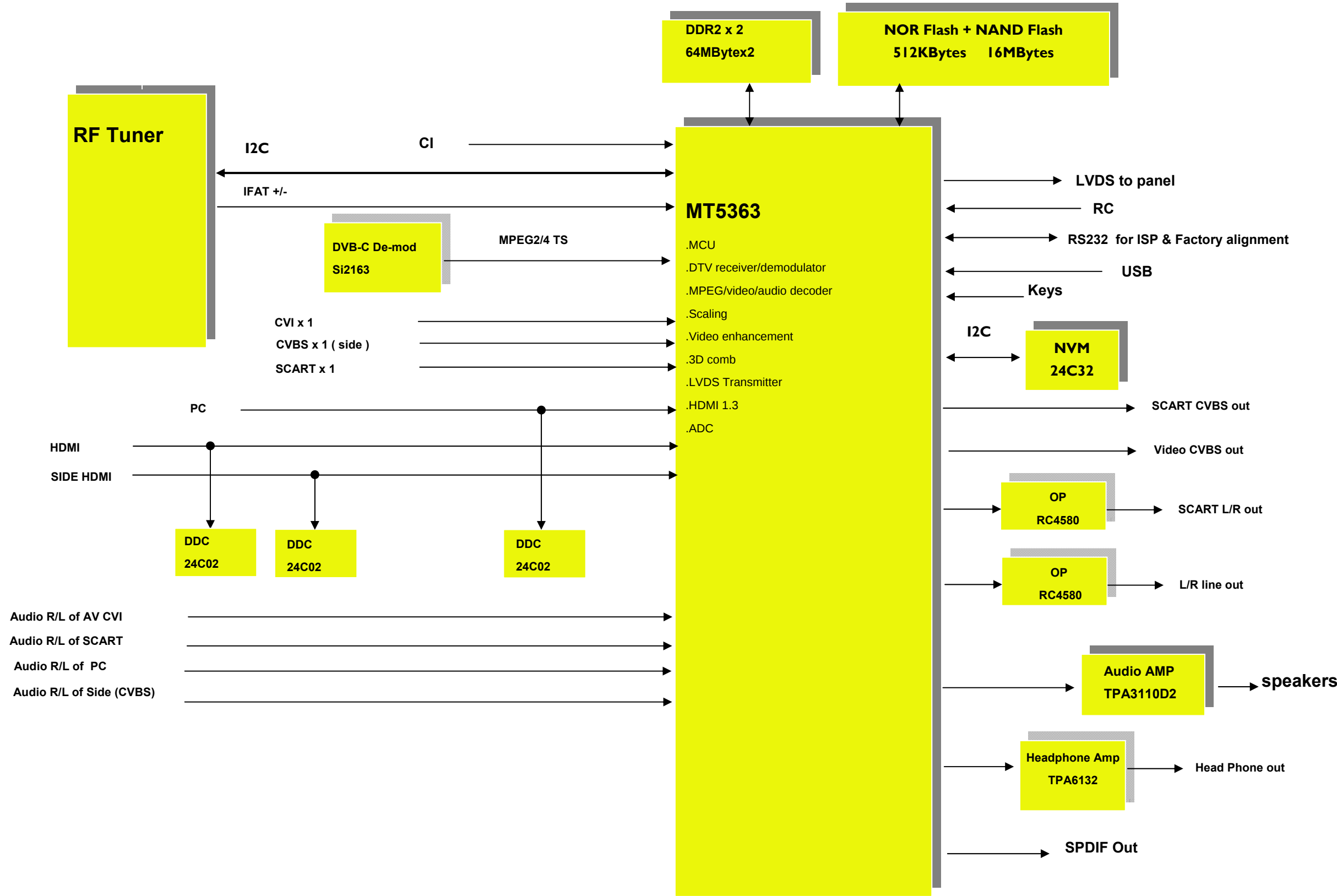
2.7.2 Pin Connections and short description



CHAPTER 6. BLOCK DIAGRAM/WIRING DIAGRAM

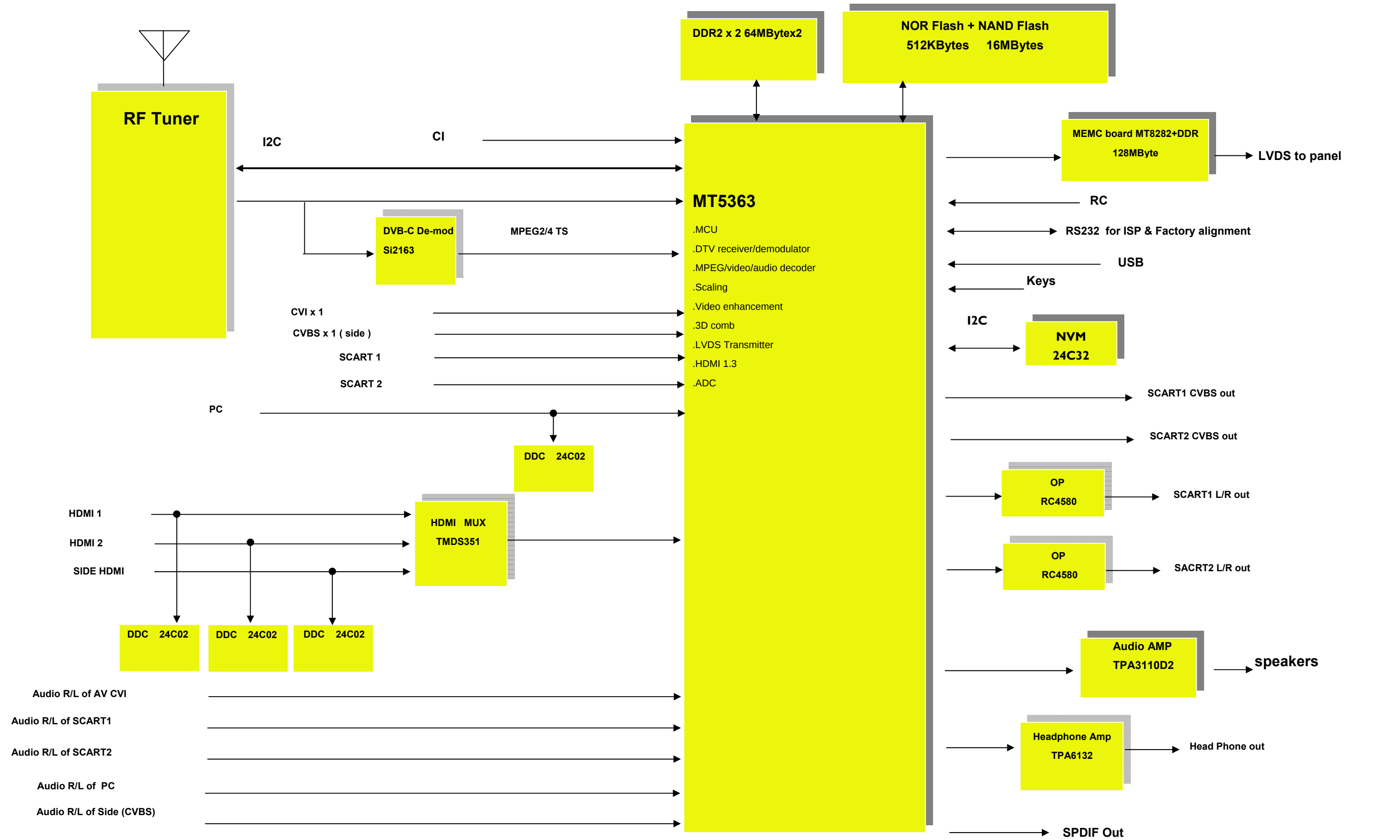
[1] BLOCK DIAGRAM

Function block of main Board 26"

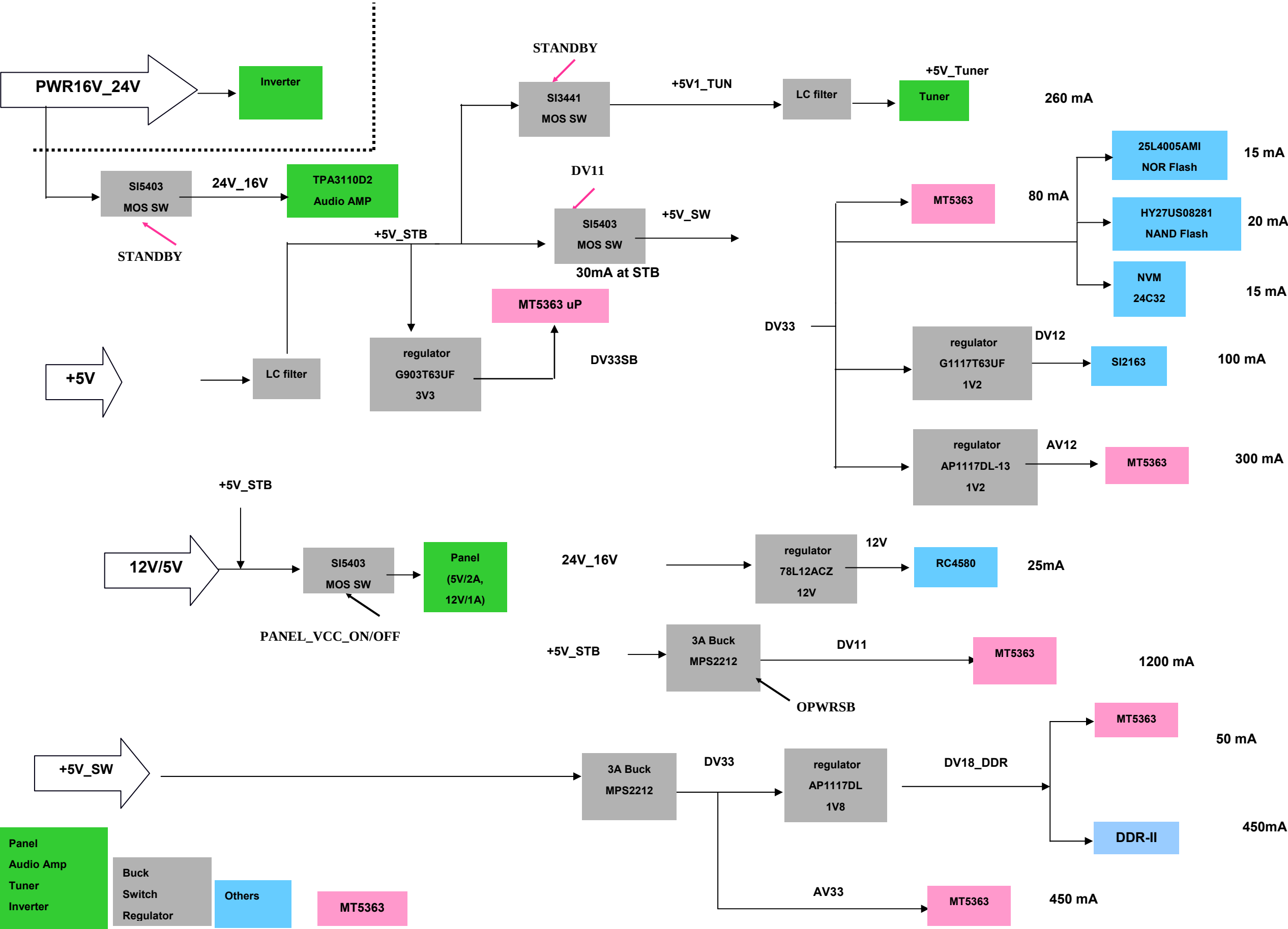


BLOCK DIAGRAM

Function block of main Board 32" / 42"

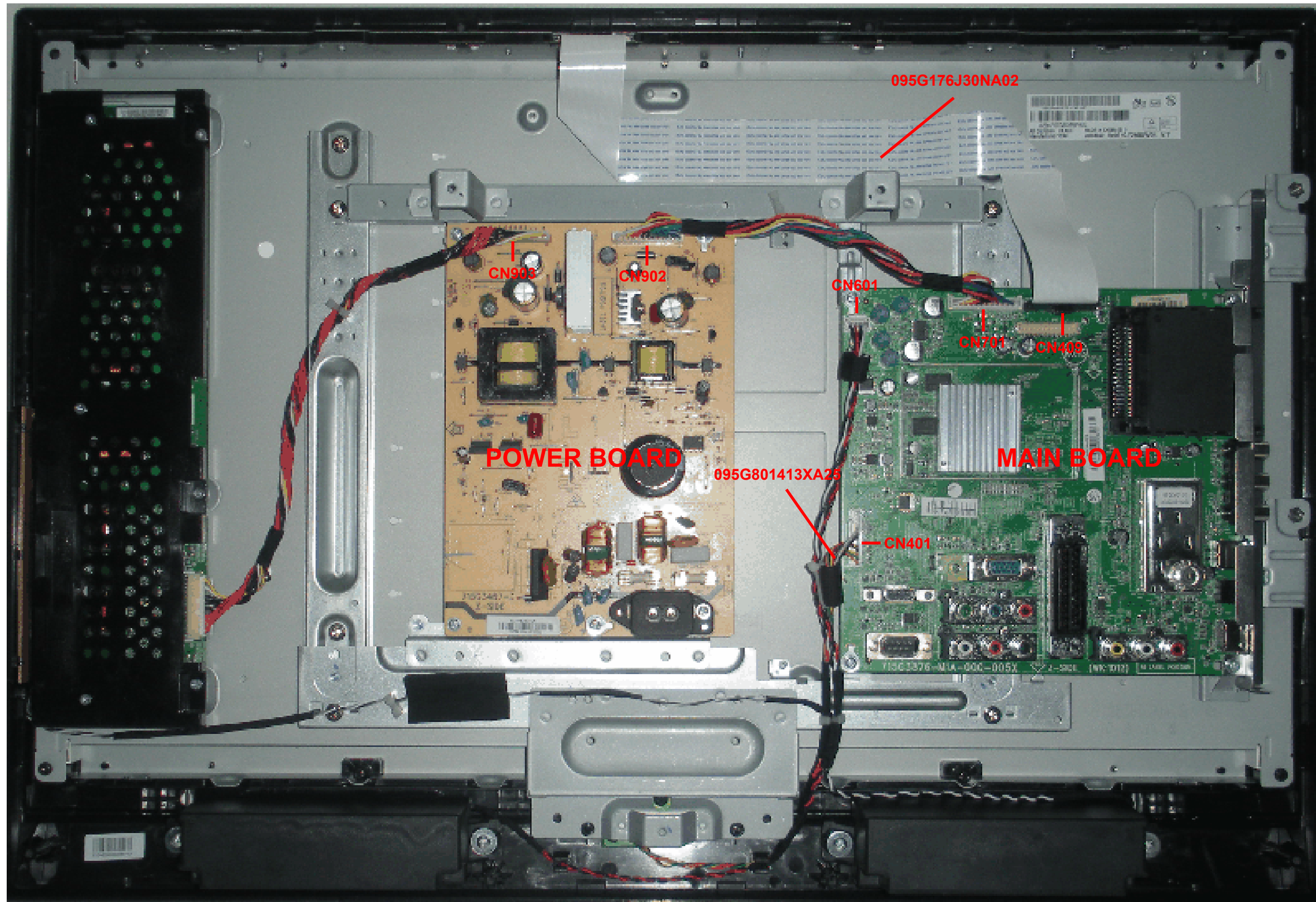


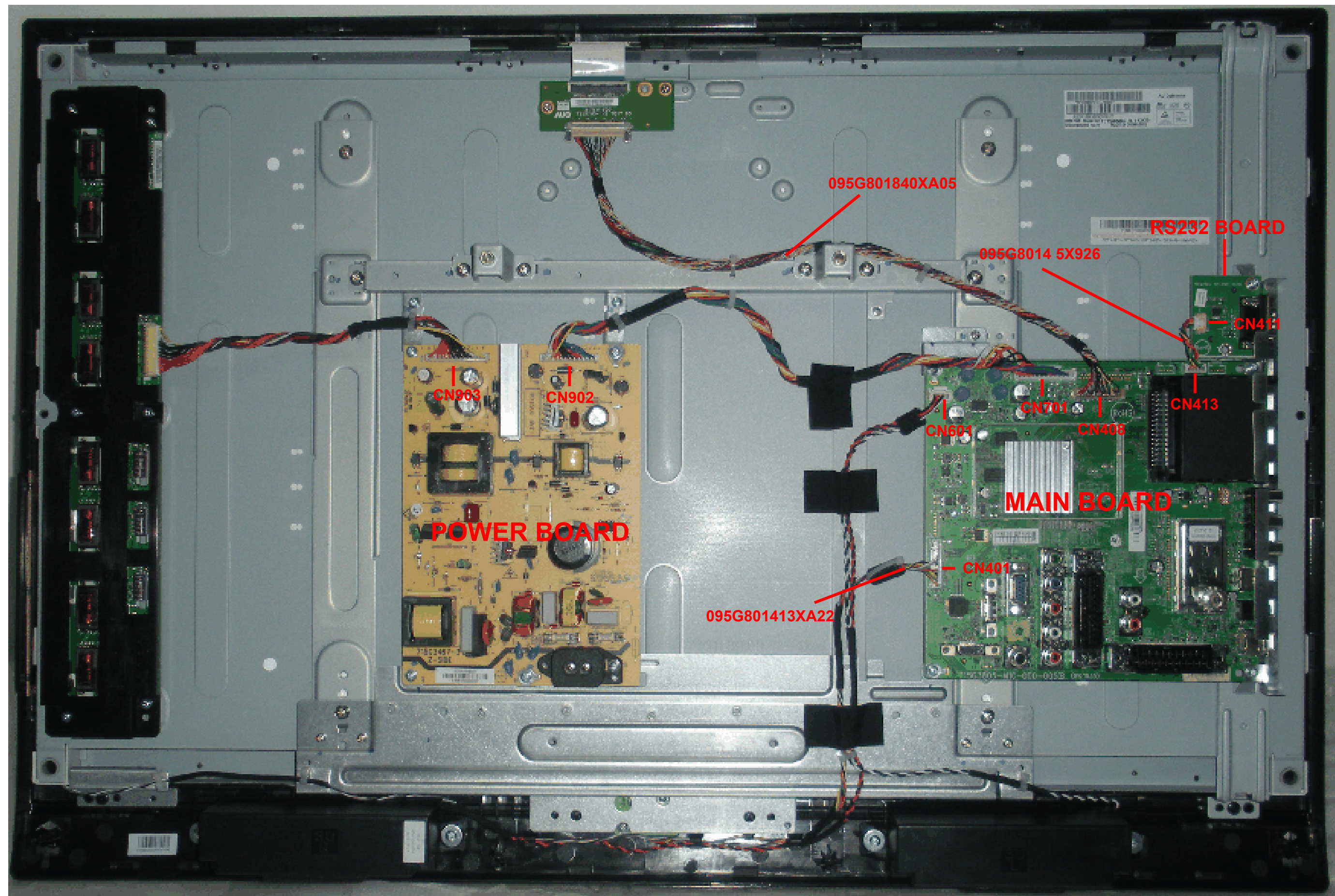
Sharp EU 26" MT5363 Power management

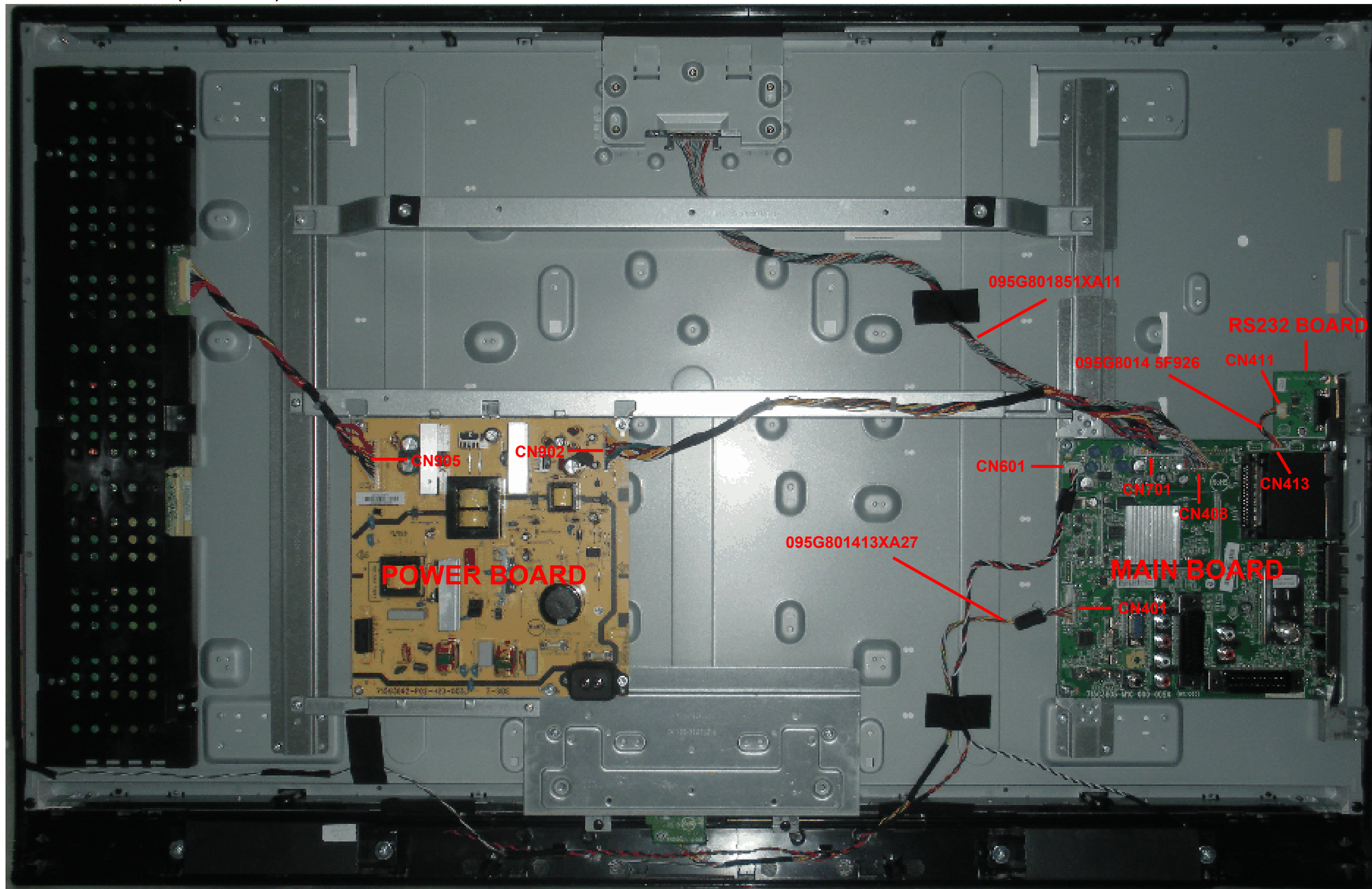




[3] 26" WIRING DIAGRAM(LC-26SH330)

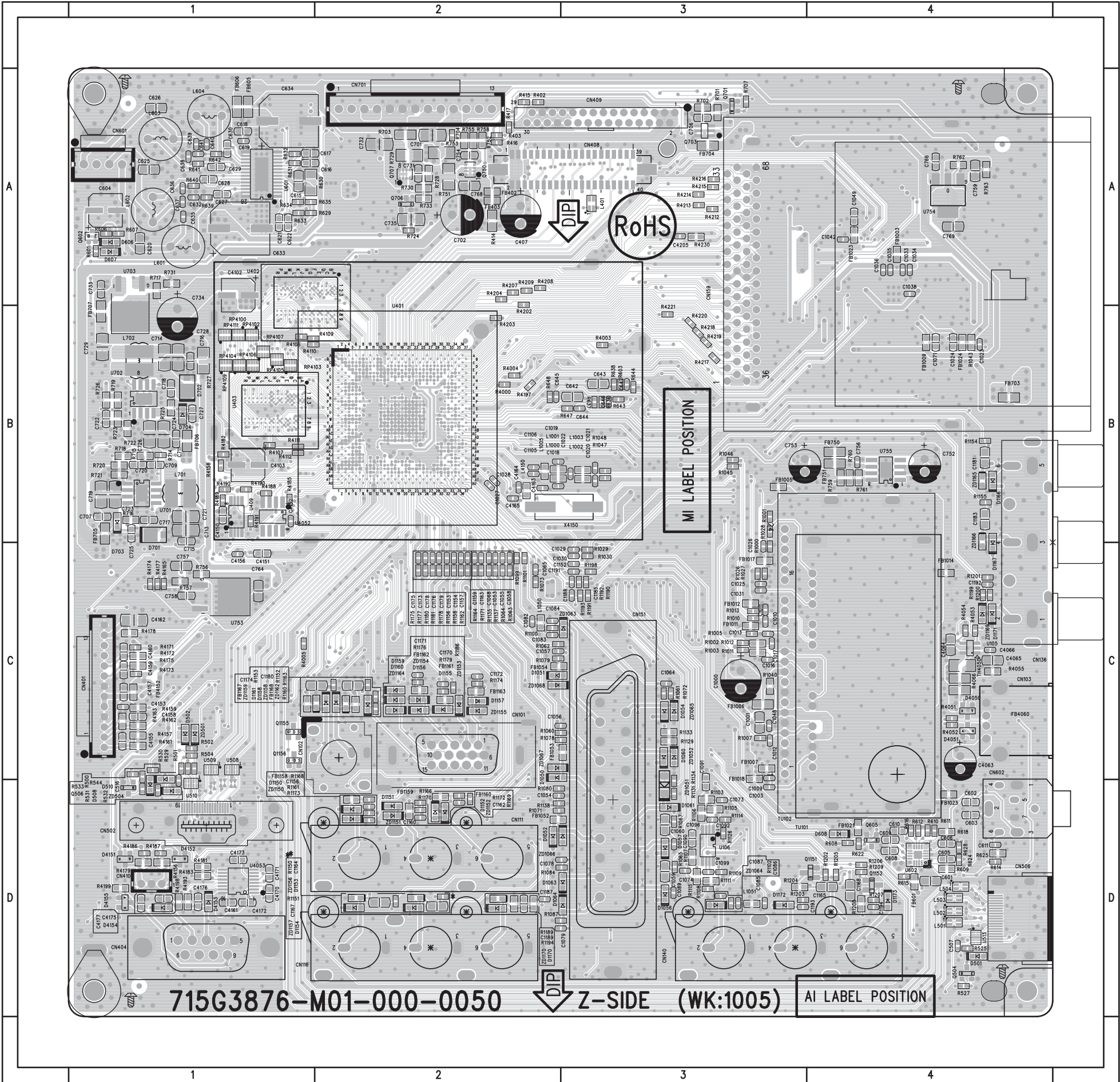




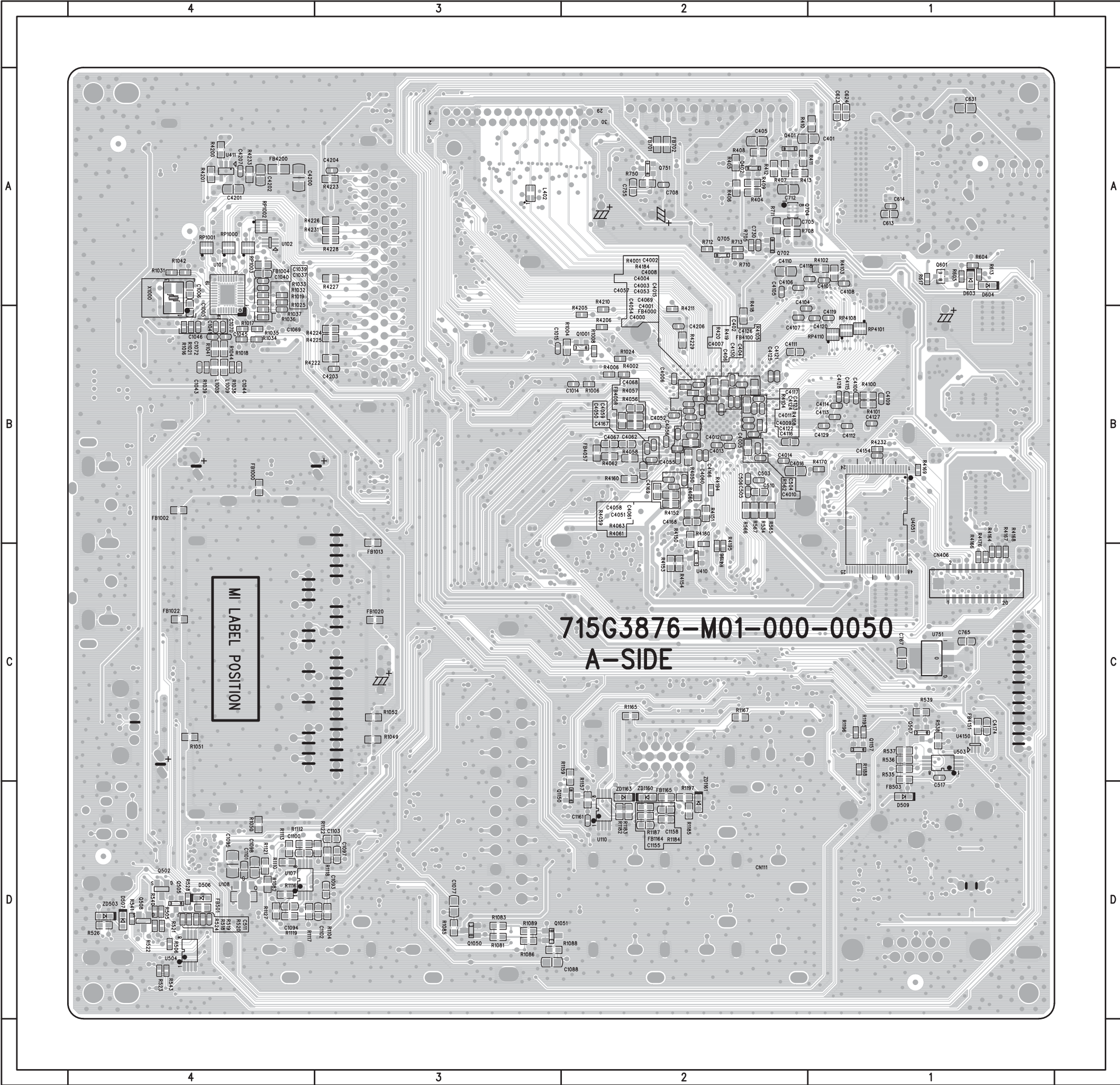


CHAPTER 7. PRINTED WIRING BOARD

[1] MAIN UNIT PRINTED WIRING BOARD(for 26")
MAIN UNIT(Side-A)

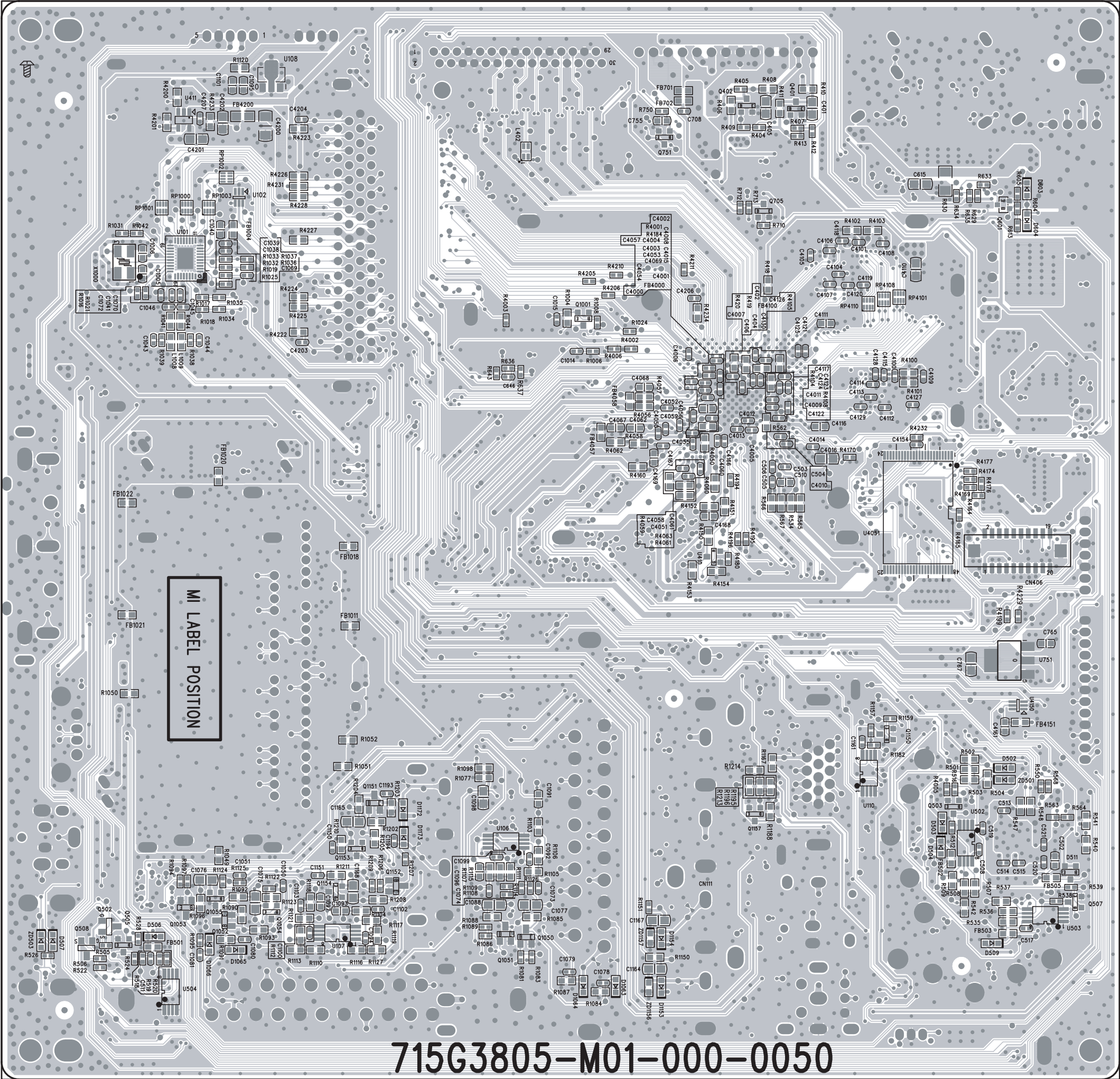


MAIN UNIT(Side-B)

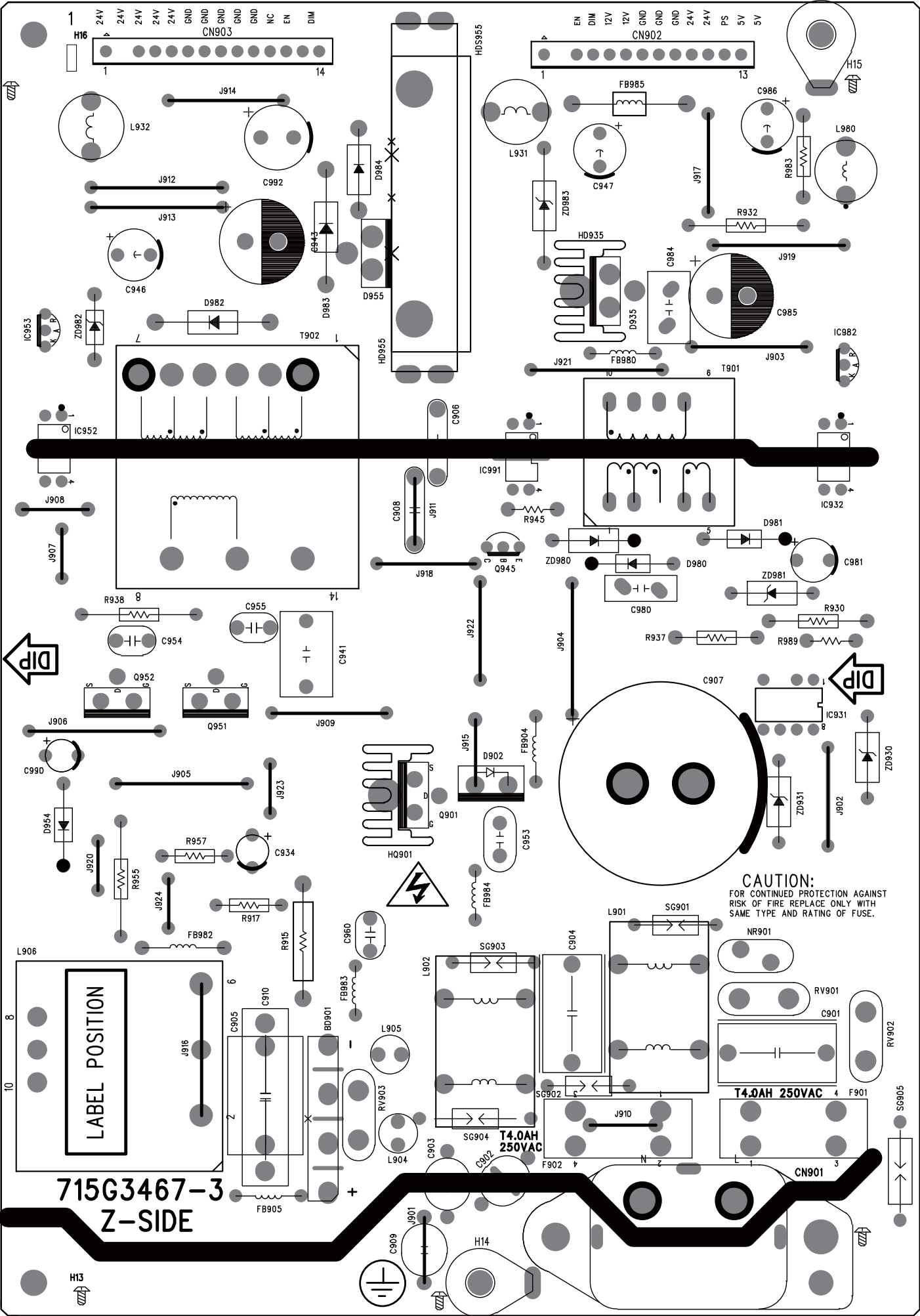


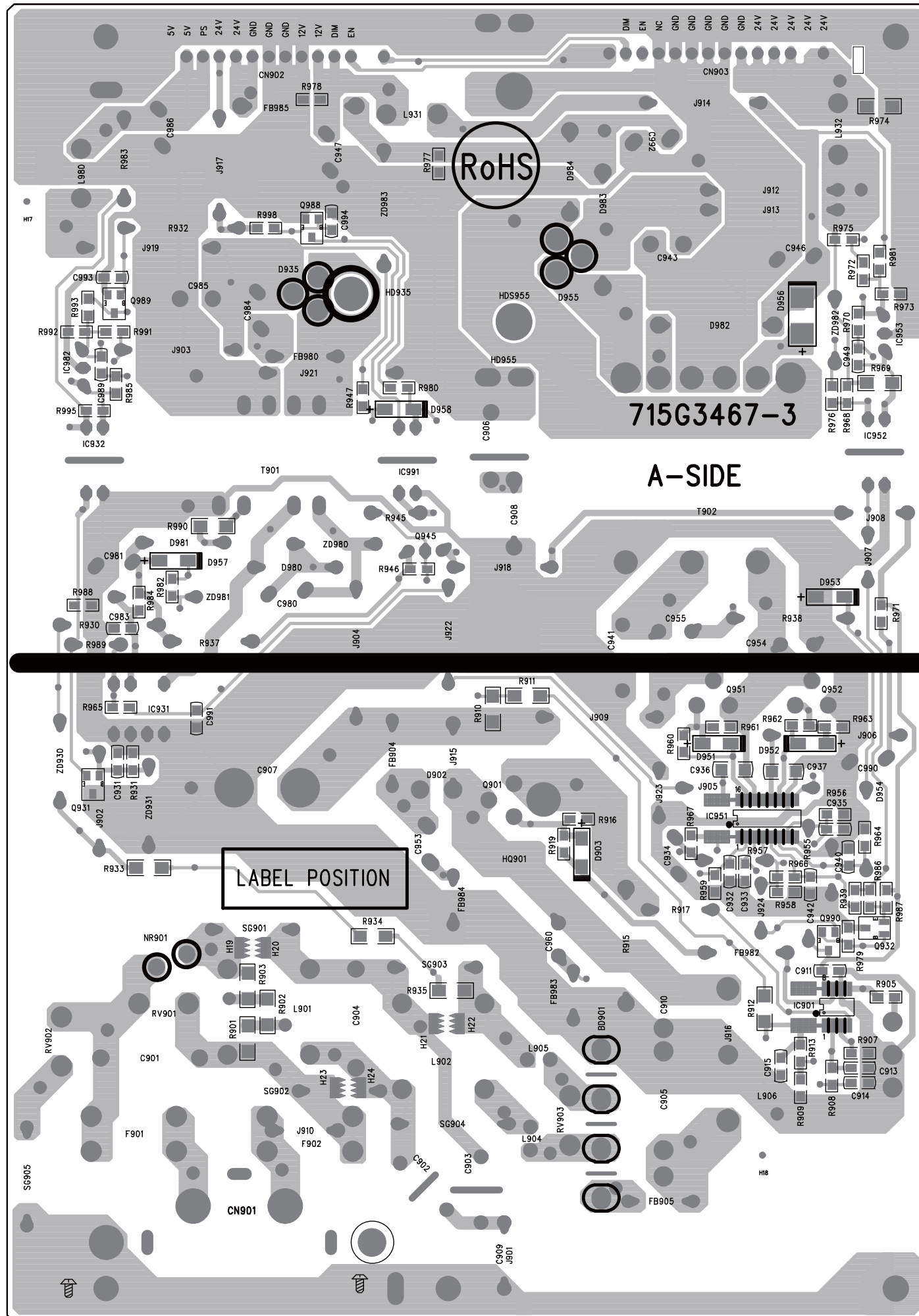


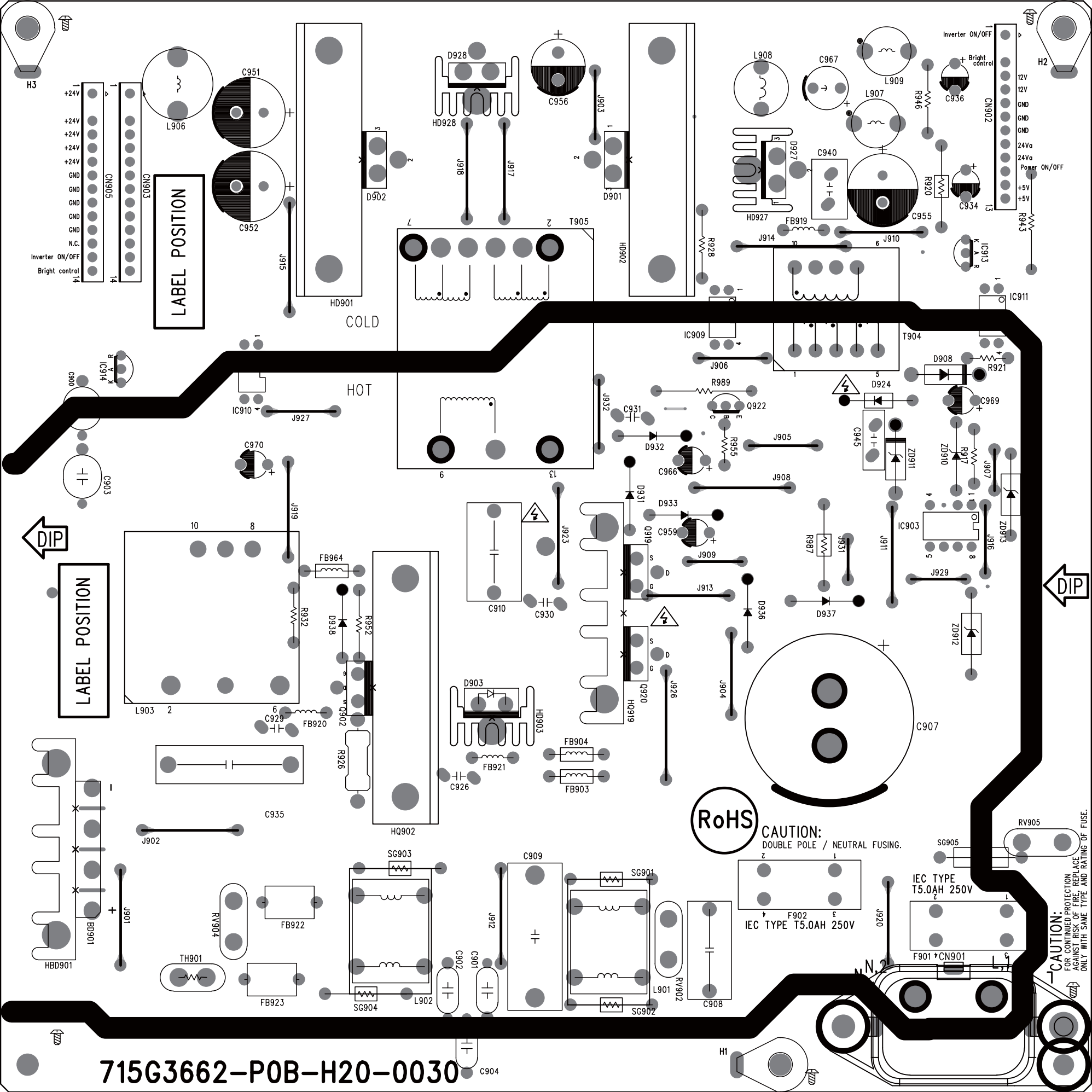
MAIN UNIT(Side-B)



LC-26SH330, LC-32SH330, LC-42SH330
[2] POWER UNIT PRINTED WIRING BOARD
26" and 32" POWER UNIT(Side-A)





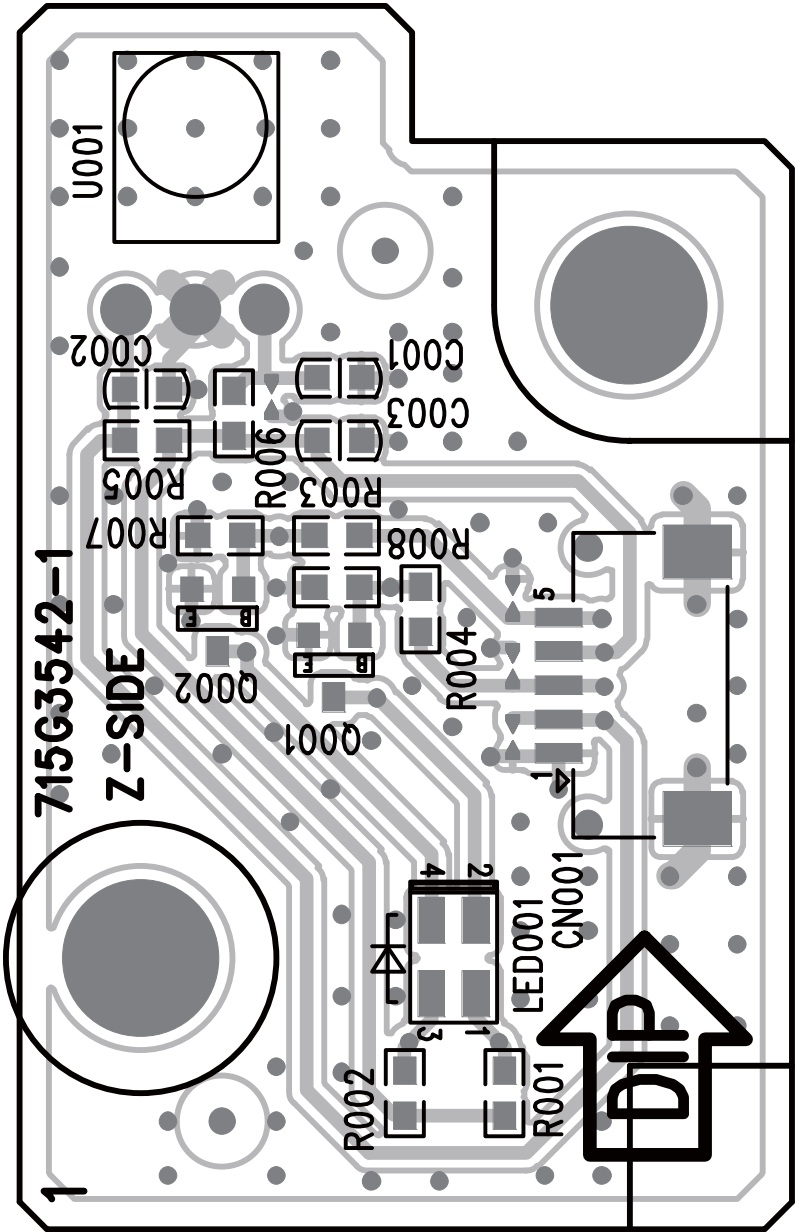




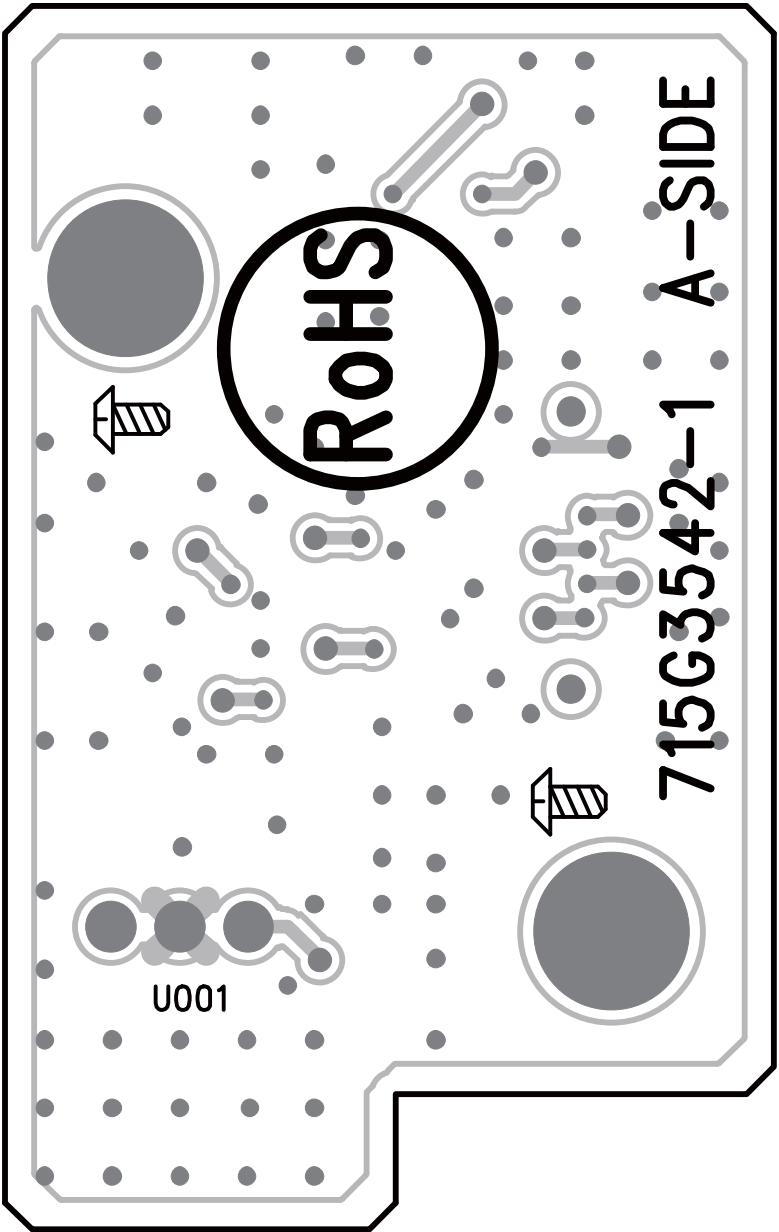
The image shows a barcode area with a circular RoHS logo on the left and the part number 715G3699-K01-000-0030 in the center. There are several rectangular and circular markers around the text, likely for automated identification.

[4] IR UNIT PRINTED WIRING BOARD

26" /32" /42" IR UNIT (Side-A)

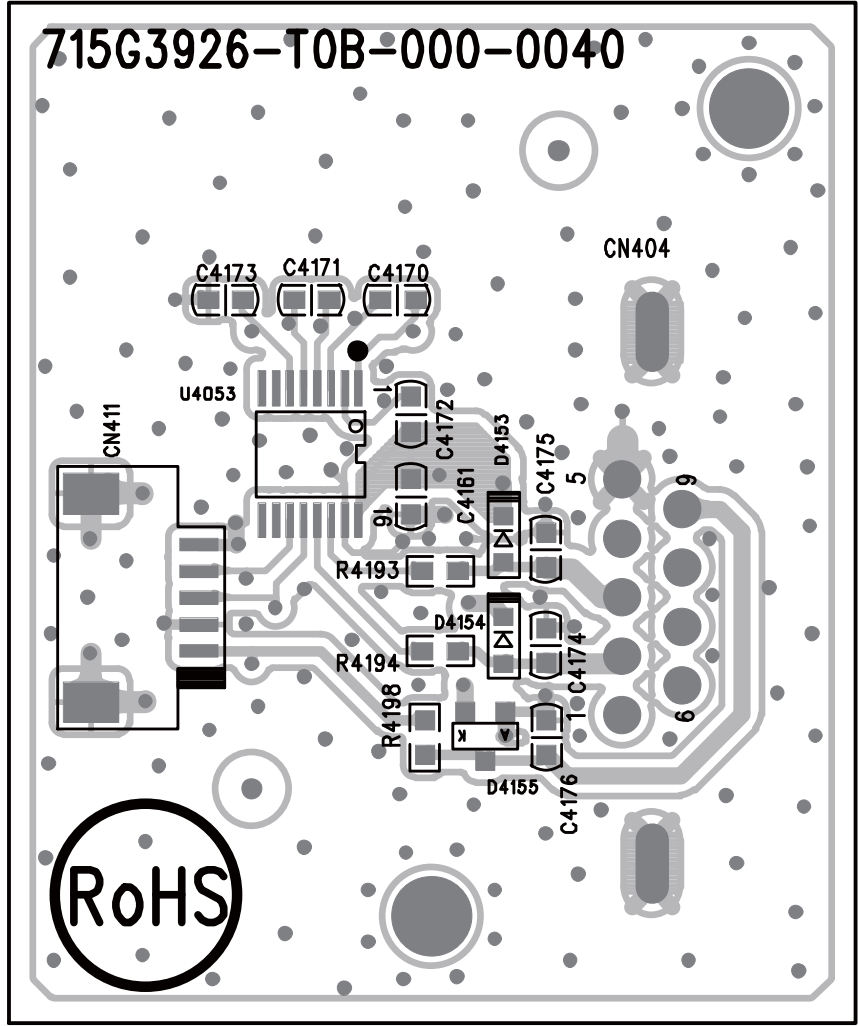


26" /32" /42" IR UNIT (Side-B)

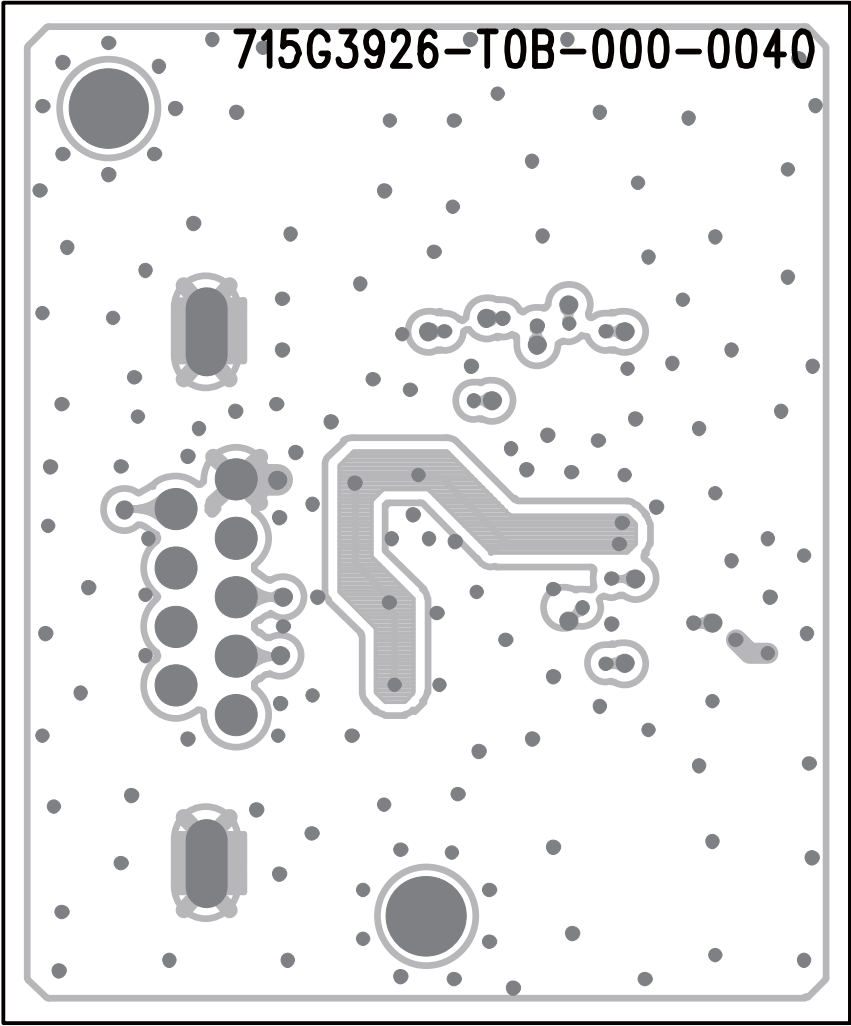


[5] RS232 UNIT PRINTED WIRING BOARD

32" /42" RS232 UNIT (Side-A)



32" /42" RS232 UNIT (Side-B)

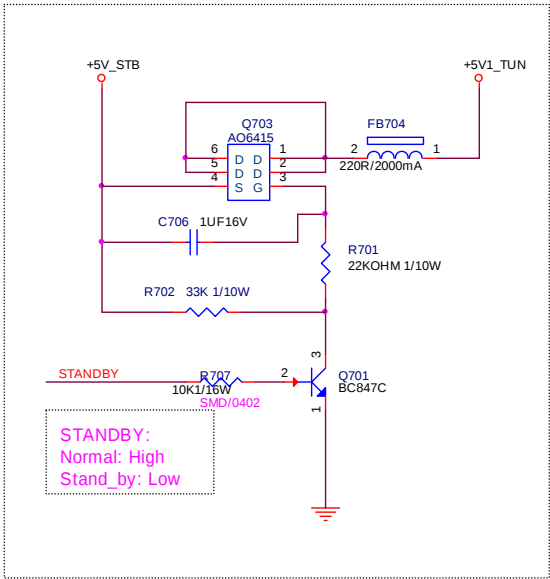
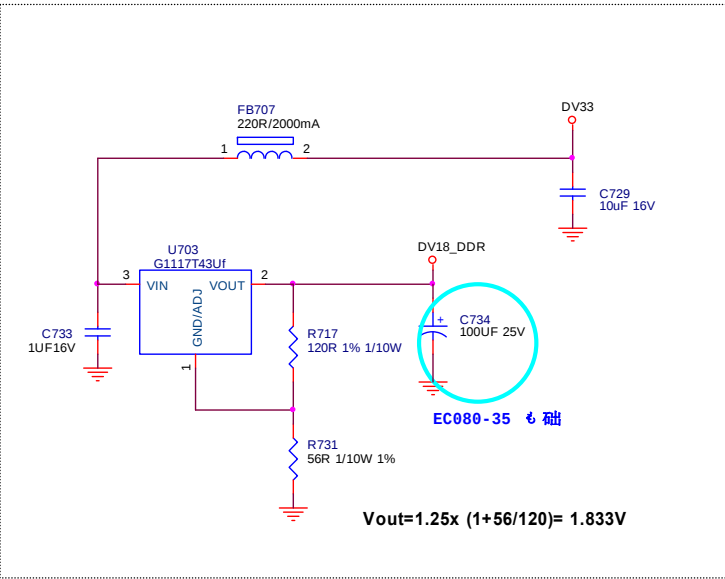
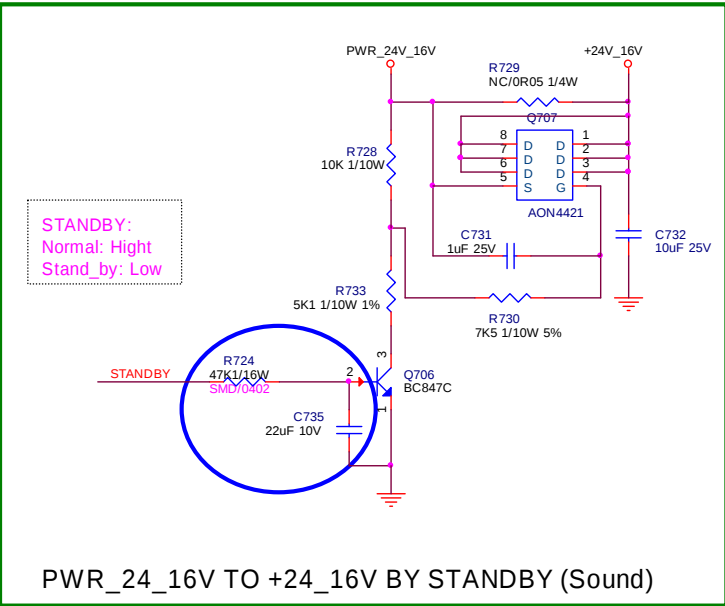
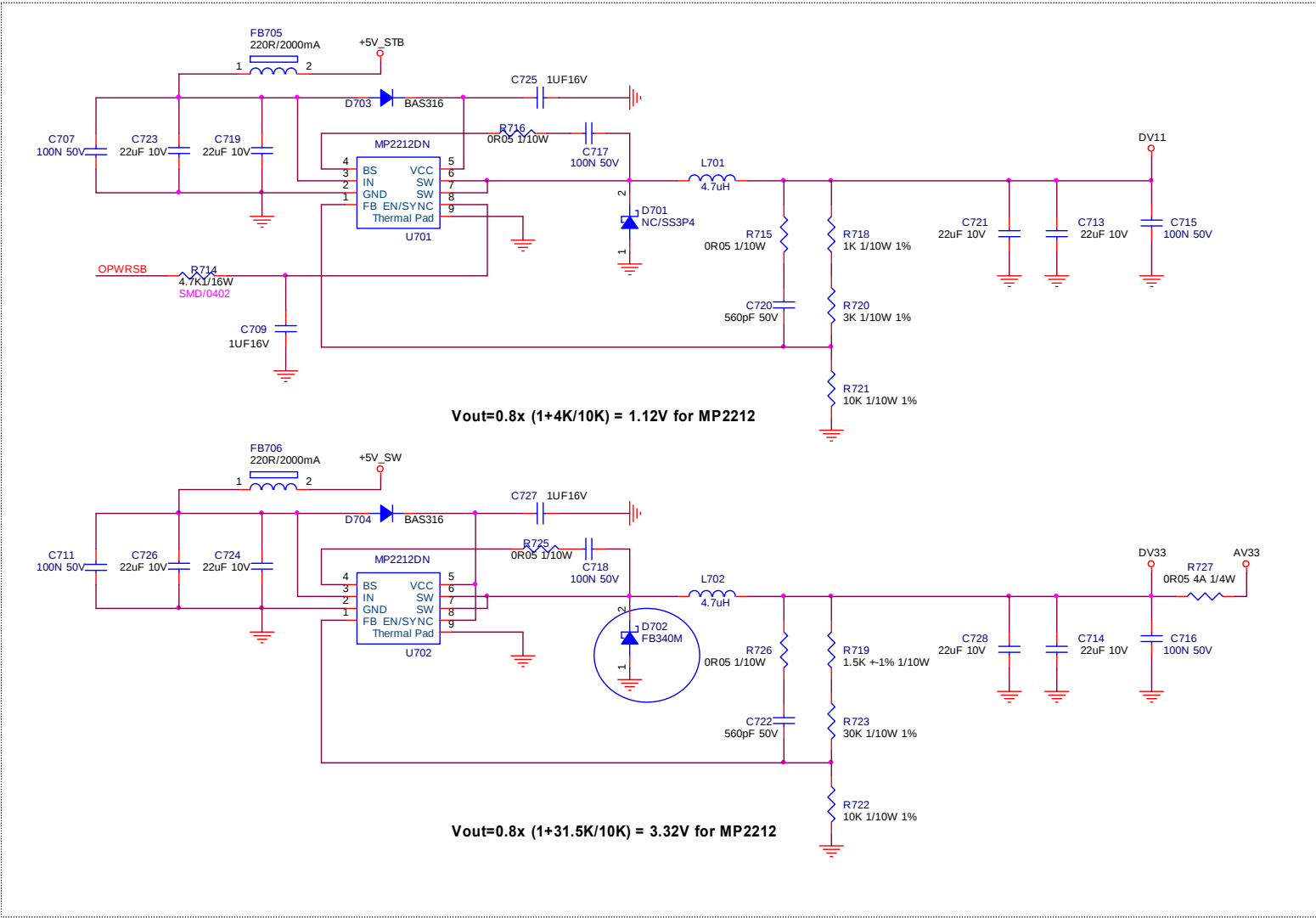
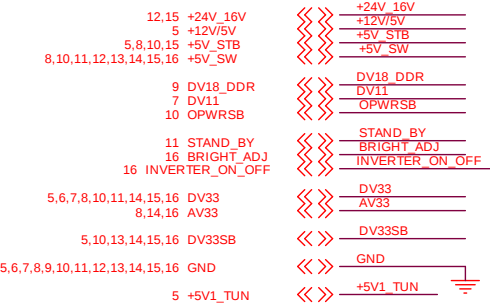
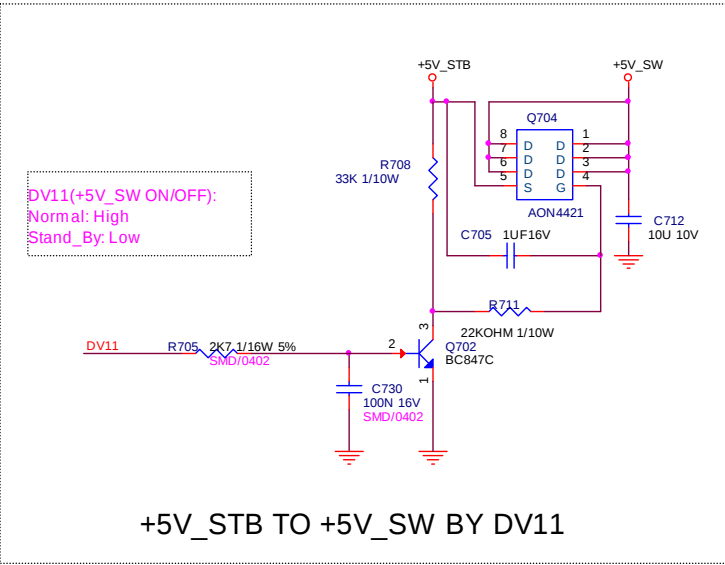
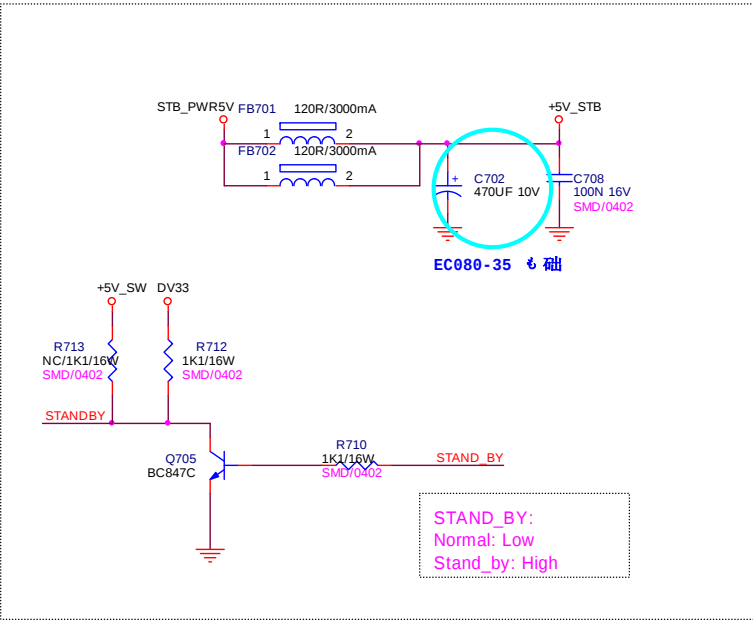
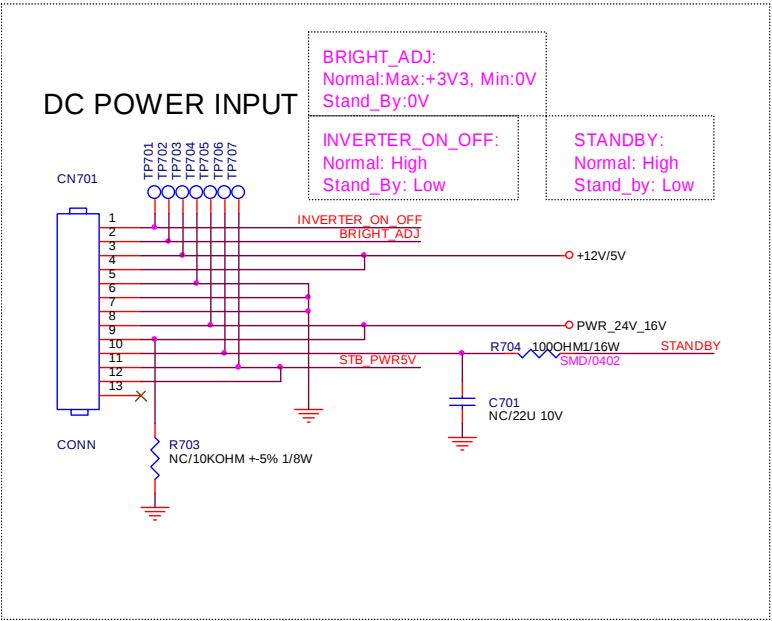


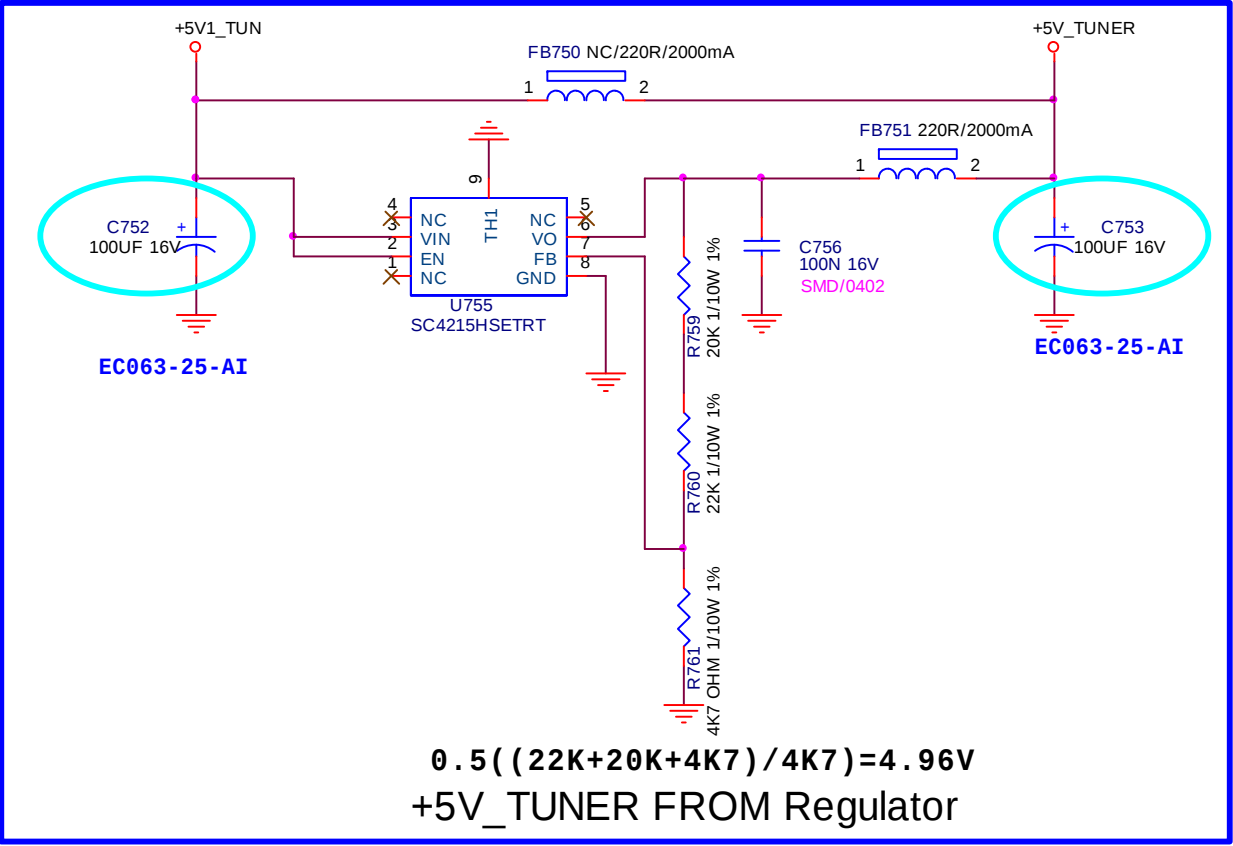
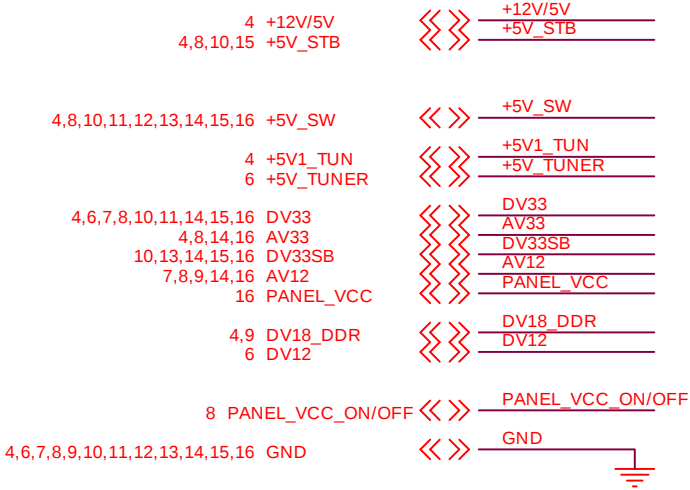
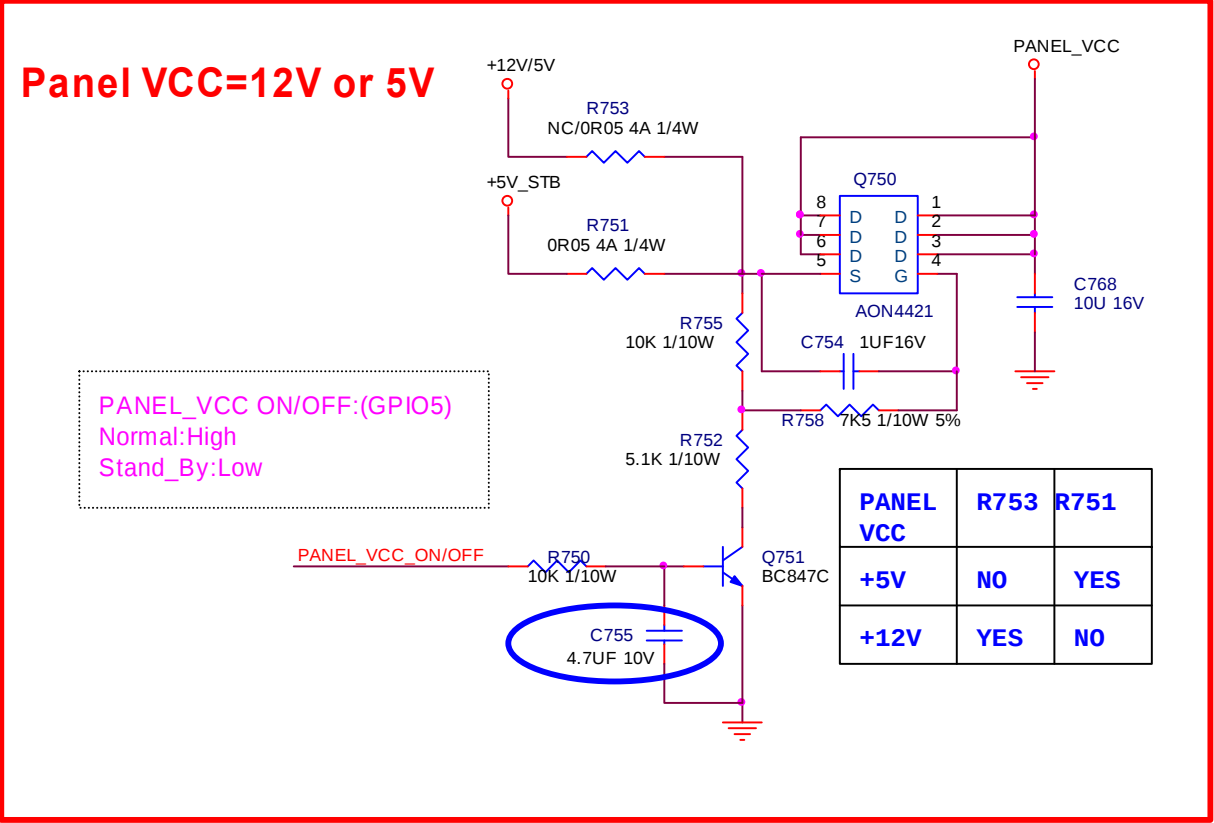
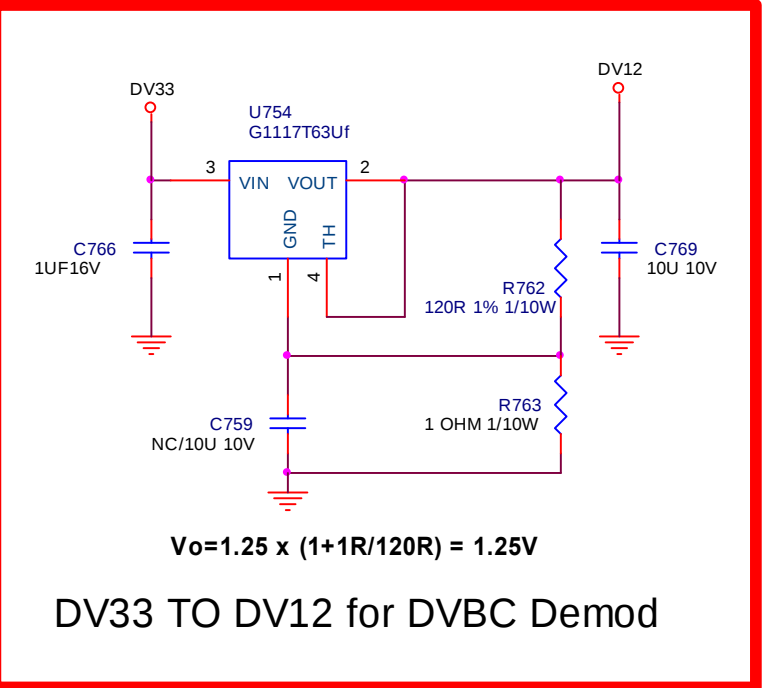
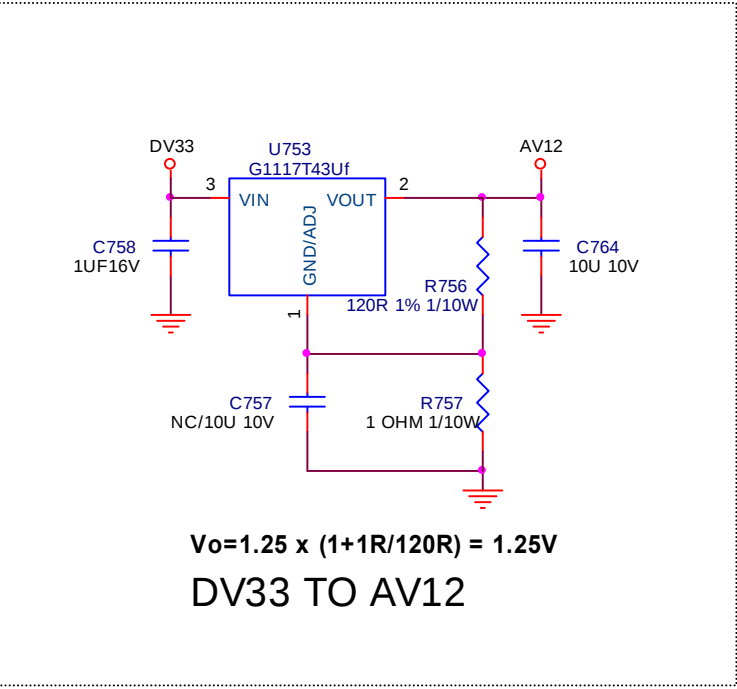
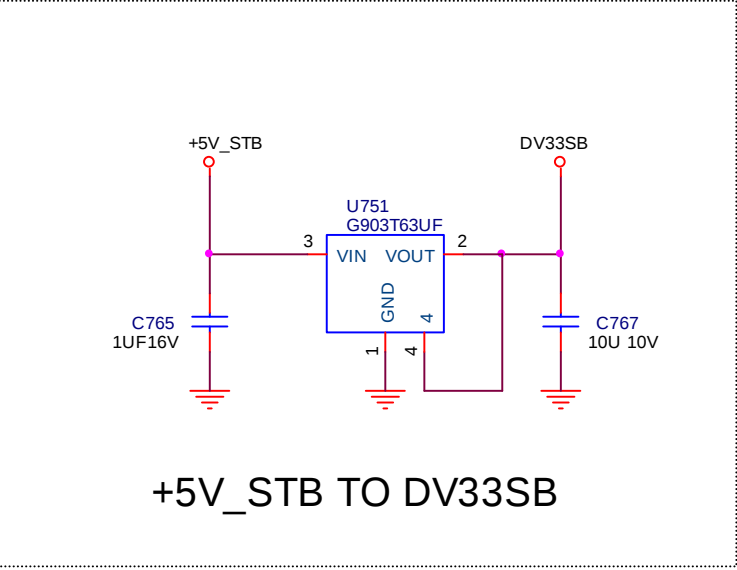
CHAPTER 8. SCHEMATIC DIAGRAM

[1] 26" MAIN SCHEMATIC DIAGRAM

01. POWER-1

EU MT5363 - 4 LAYERS for small size



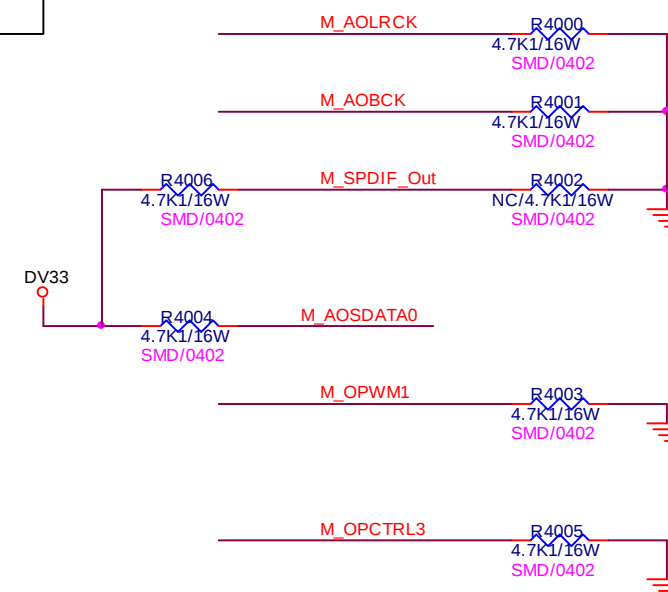




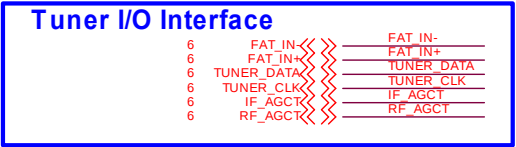
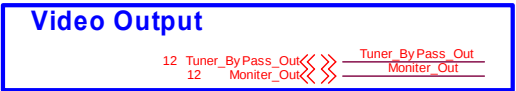
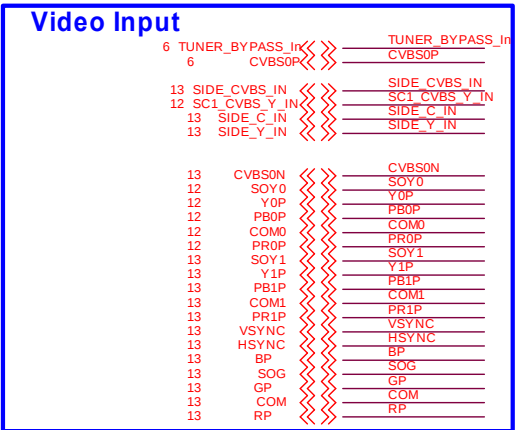
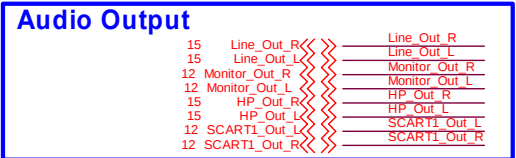
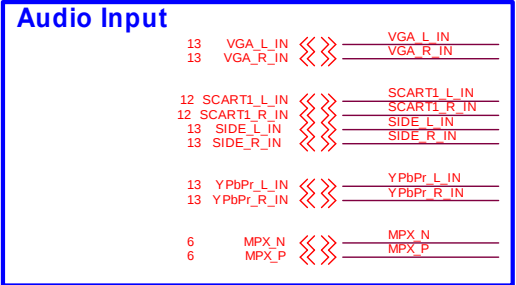
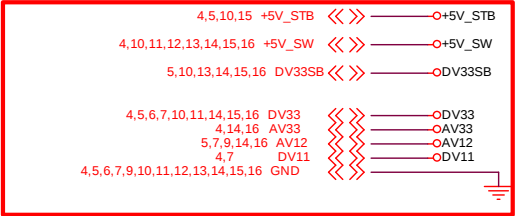
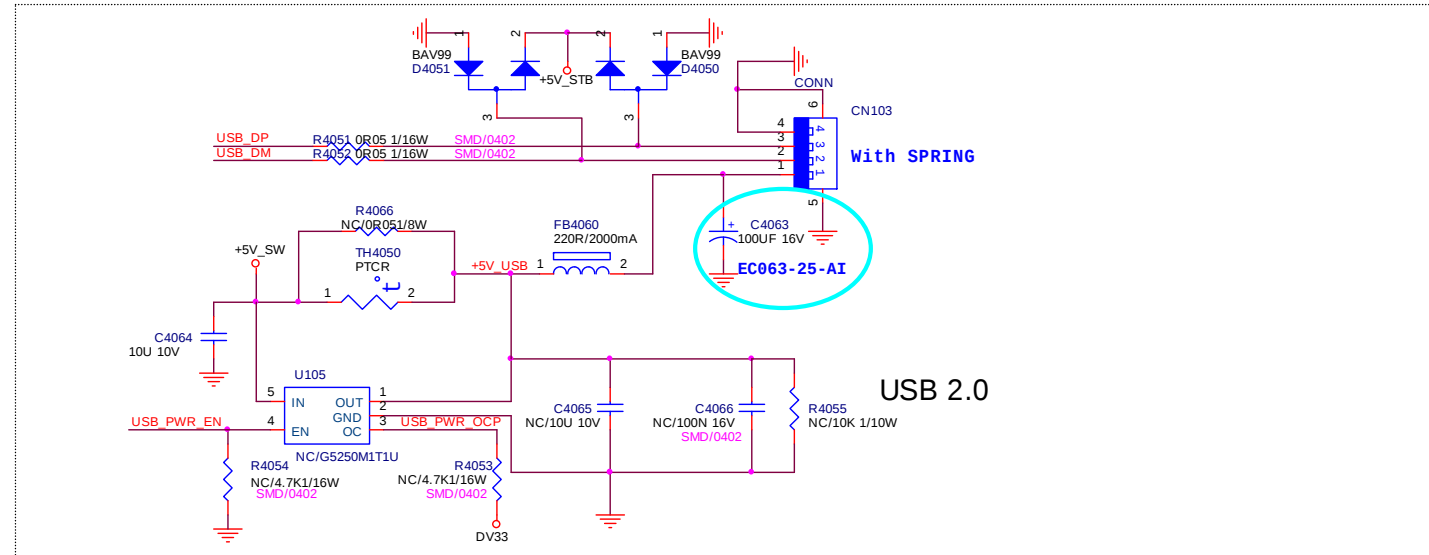
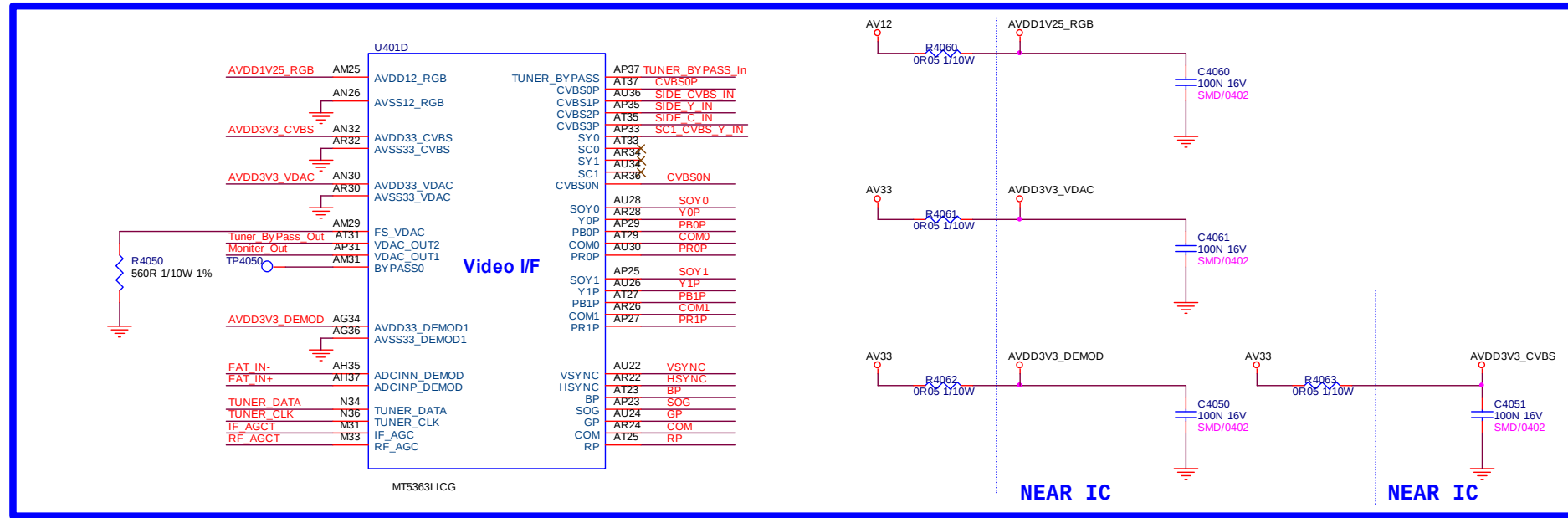
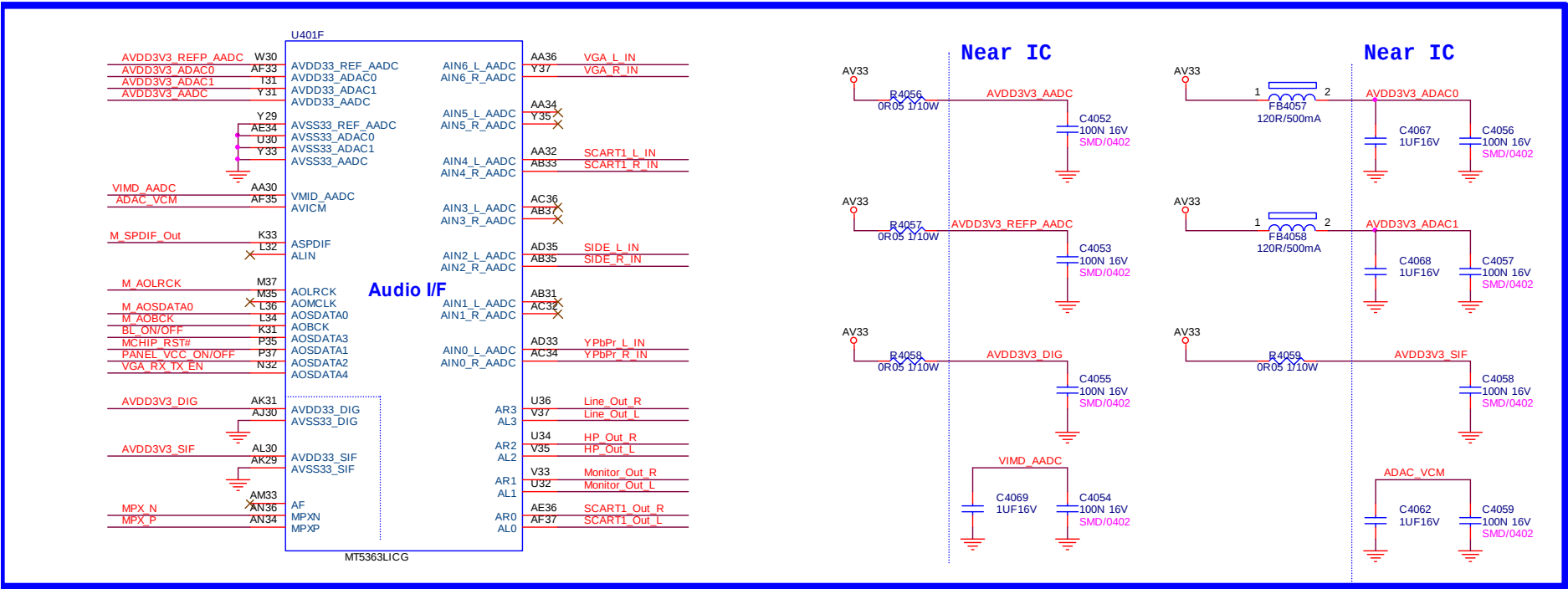


Strapping Mode	OPCTRL3(0)
PDWNC Normal	0

MT5363 STRAPPING MODE



05. MT5363 PERIPHERAL/USB2.0



The diagram shows the bottom side of the PCB with two DDR memory modules, DDR#1 and DDR#2. Both modules are connected to the DV18_DDR signal. The DDR#1 module includes capacitors C4104 through C4120, and the DDR#2 module includes capacitors C4113 through C4129. All capacitors are 100nF 16V and are SMD/0402 components.

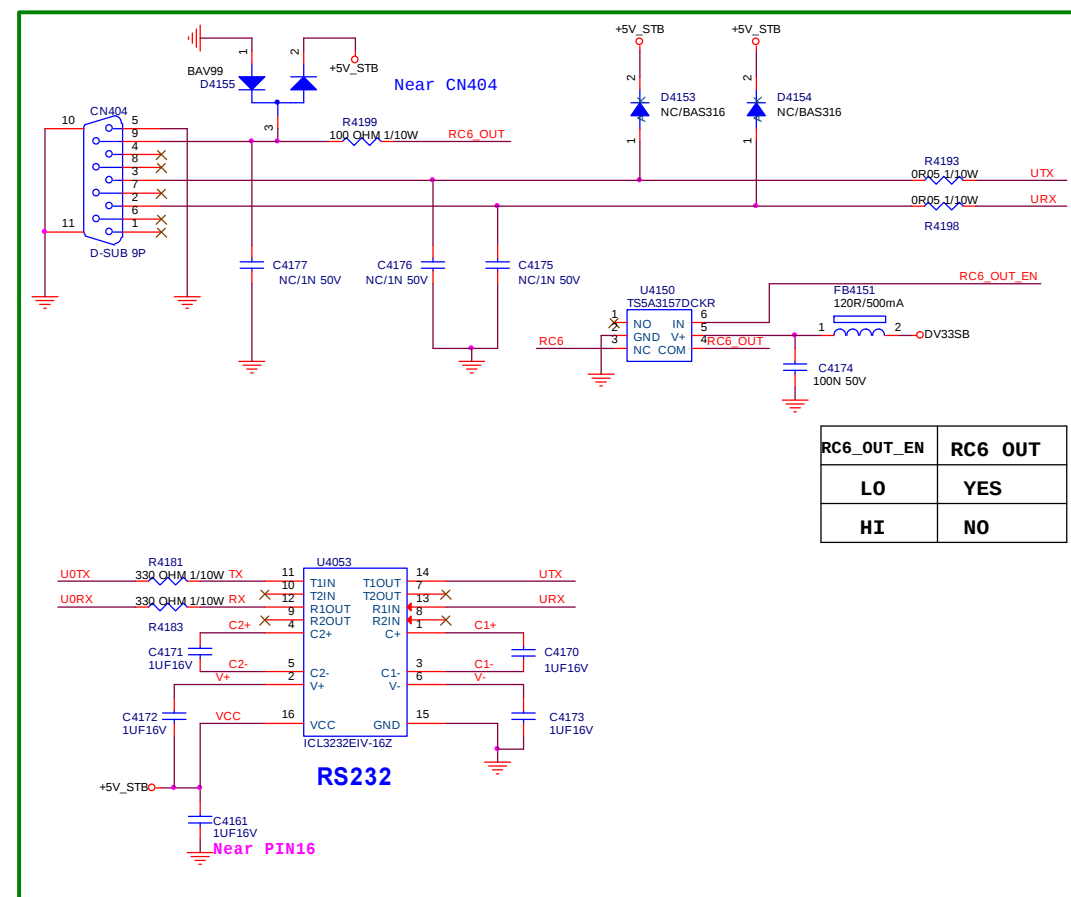
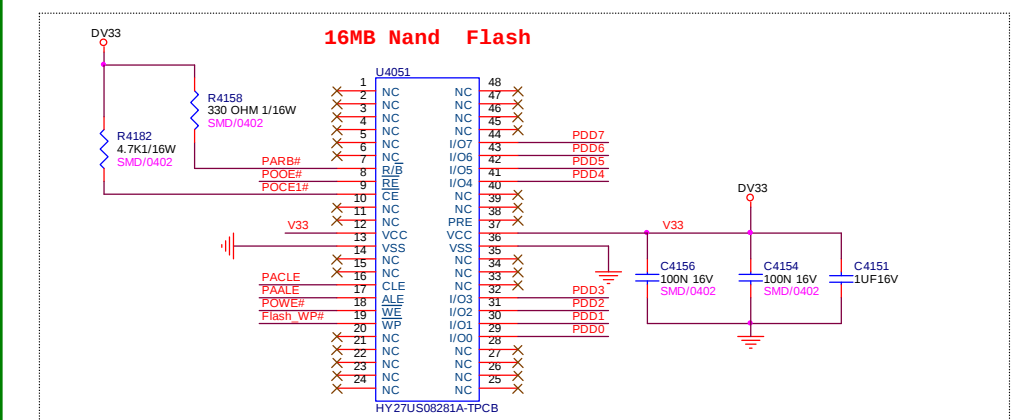
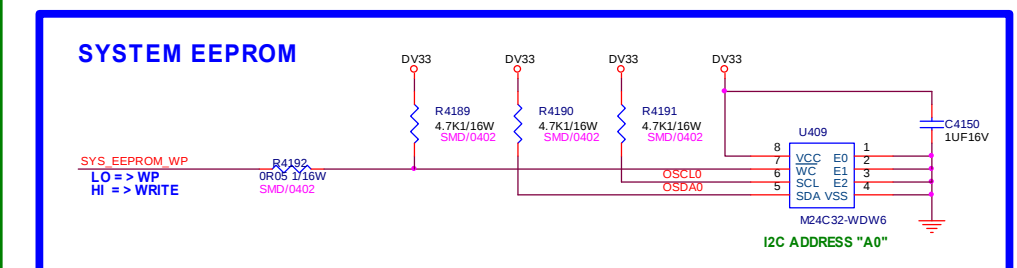
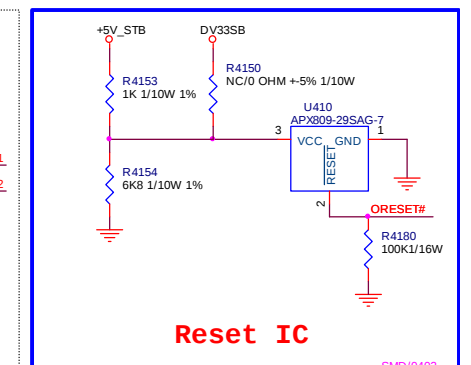
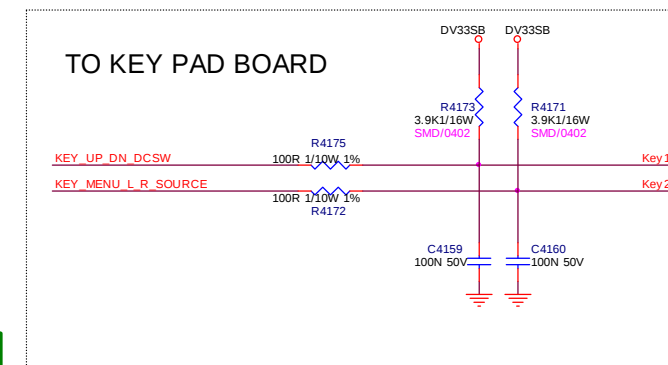
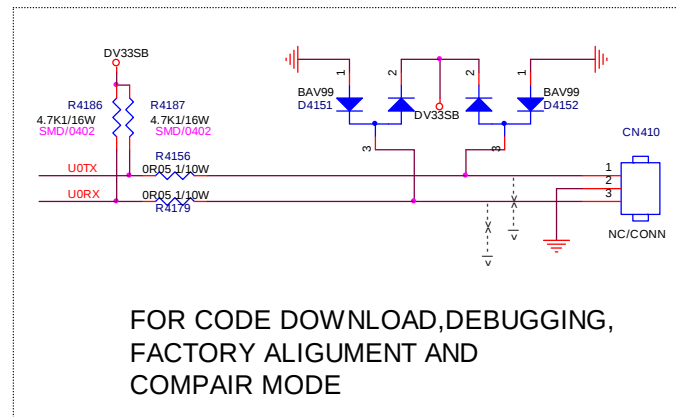
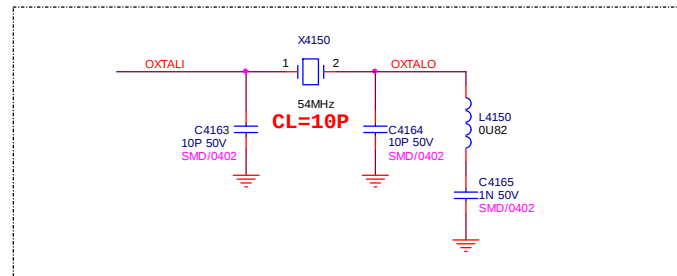
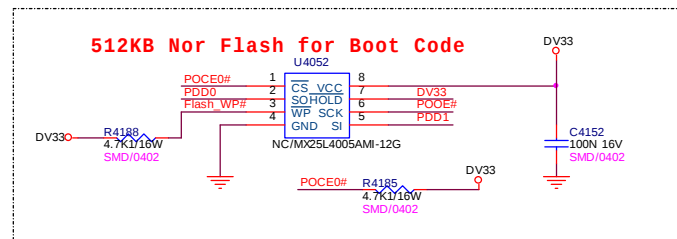
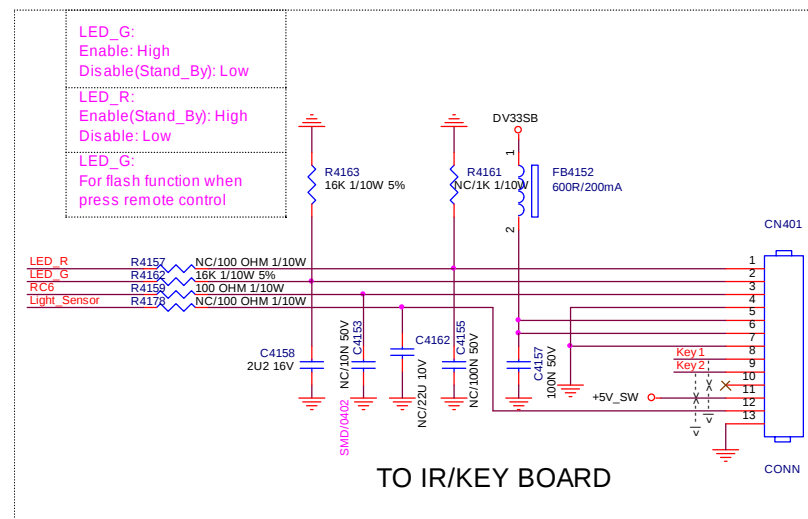
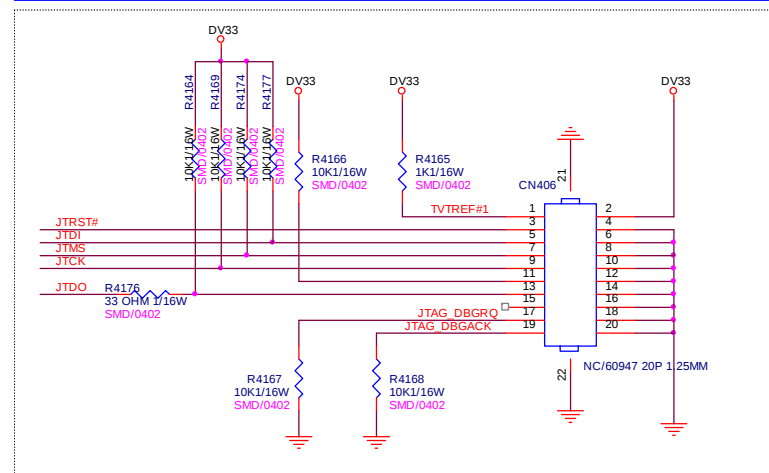
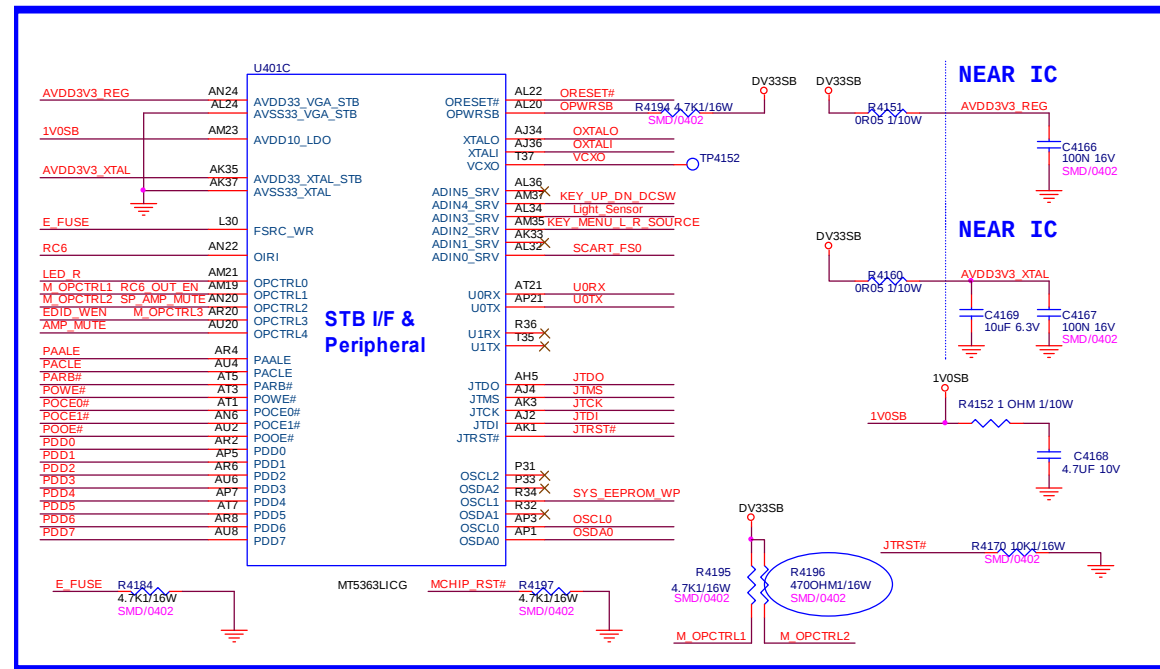
Damping and Termination for CLK

The diagram illustrates the damping and termination for CLK signals. It shows two signal paths: one for RCLK1 and RCLK1# (differential) and one for CLK1 and CLK1# (single-ended). Each path includes a series resistor (R411, R412) and a parallel termination network (R410, R417) connected to the DRAM. The diagram is labeled 'NEAR IC' and 'NEAR DRAM'.

Detailed description: This circuit diagram shows the connection for the RVREF2 pin. A signal line from DV18_DDR passes through a resistor labeled R4100 (1K) to the RVREF2 pin. The RVREF2 pin is also connected to ground through a resistor labeled R4101 (1K) and a capacitor labeled C4100 (100N 16V SMD/0402).

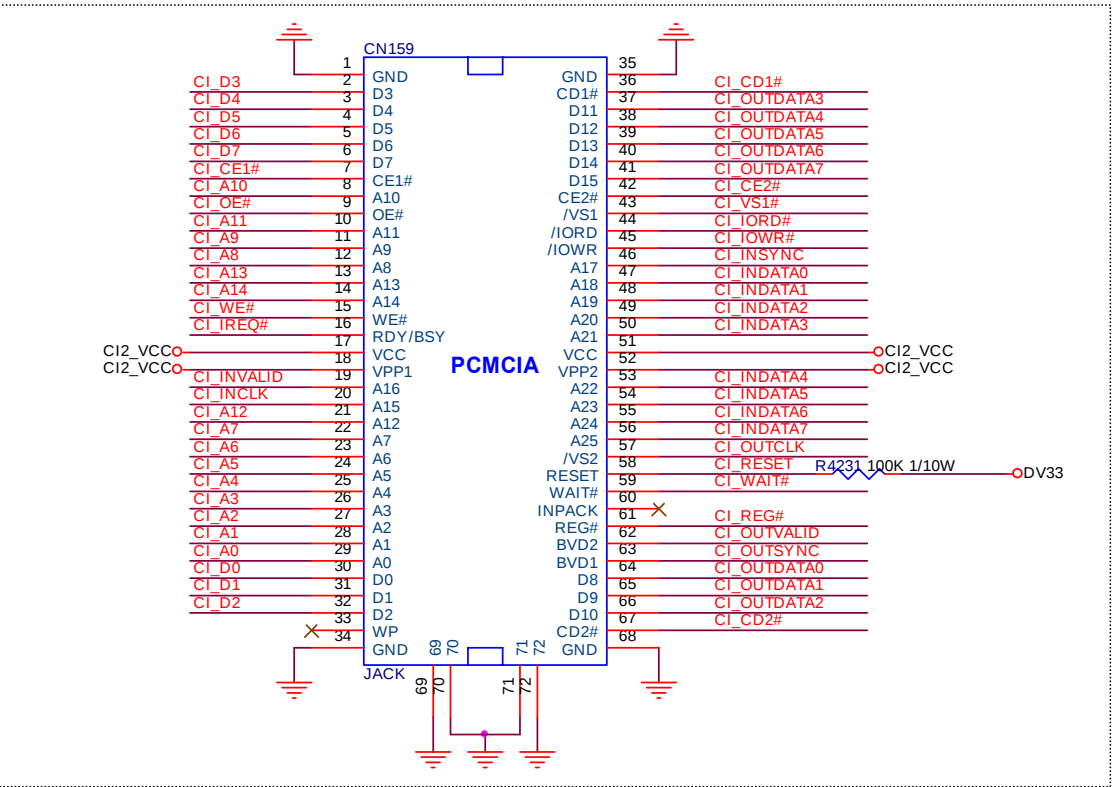
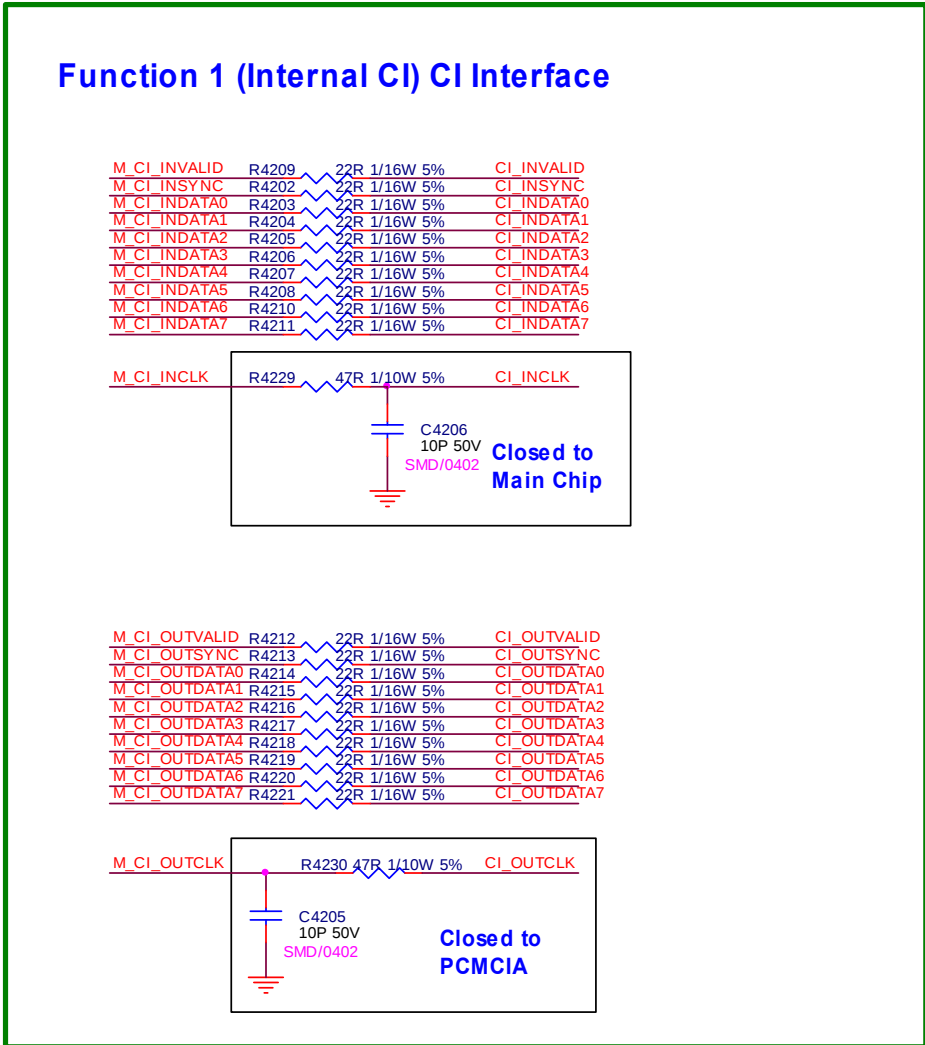
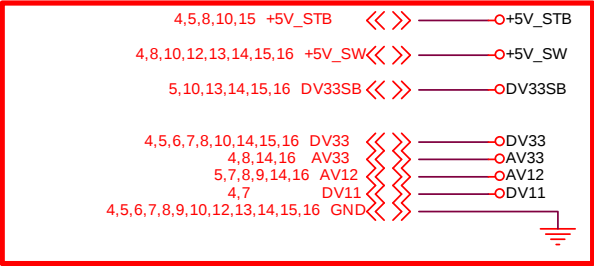
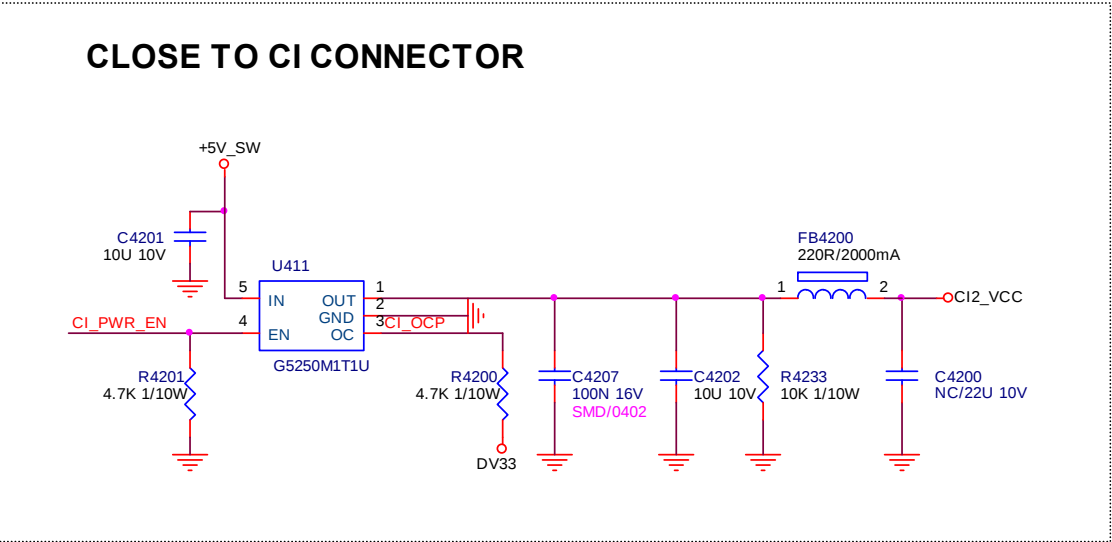
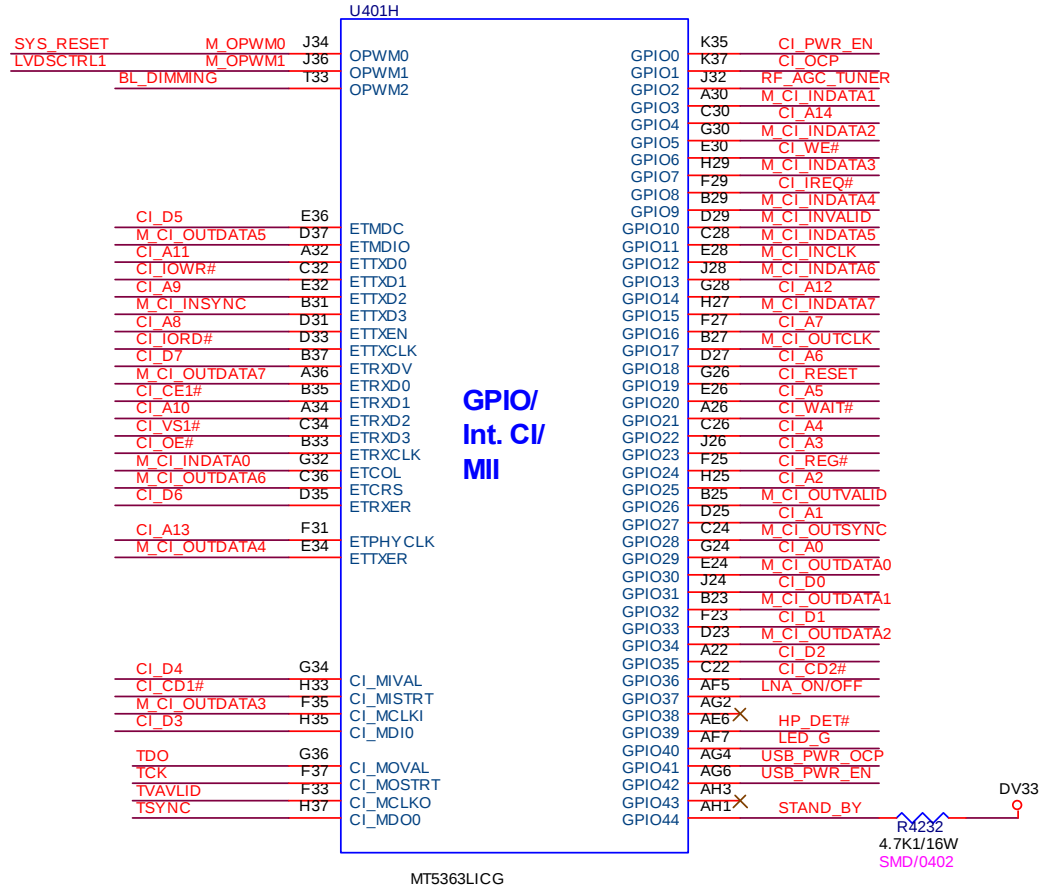
The diagram shows a circuit with a 120R/500mA inductor (FB4100) in series with a 10N 50V capacitor (C4130). The inductor is connected to a 12V source (AV12) and the capacitor is connected to ground. The inductor's terminals are labeled 1 and 2, and the capacitor's terminals are labeled AV1V25_MEMPLL and SMD/0402.

07. FLASH/JTAG/UART/IR/RS232

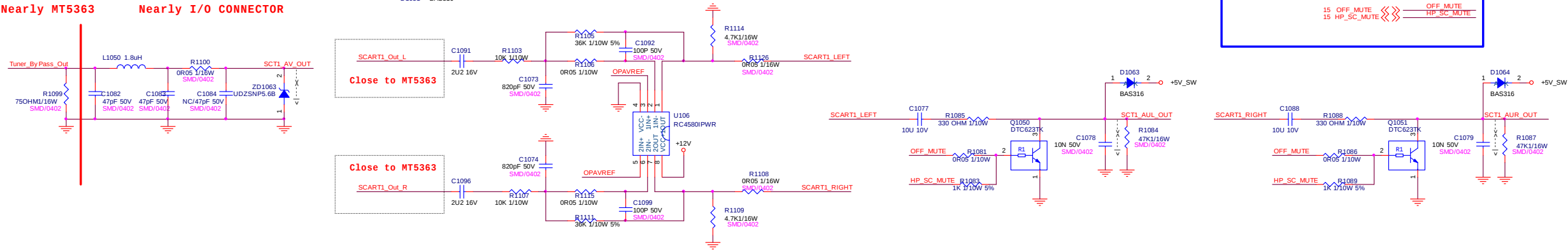
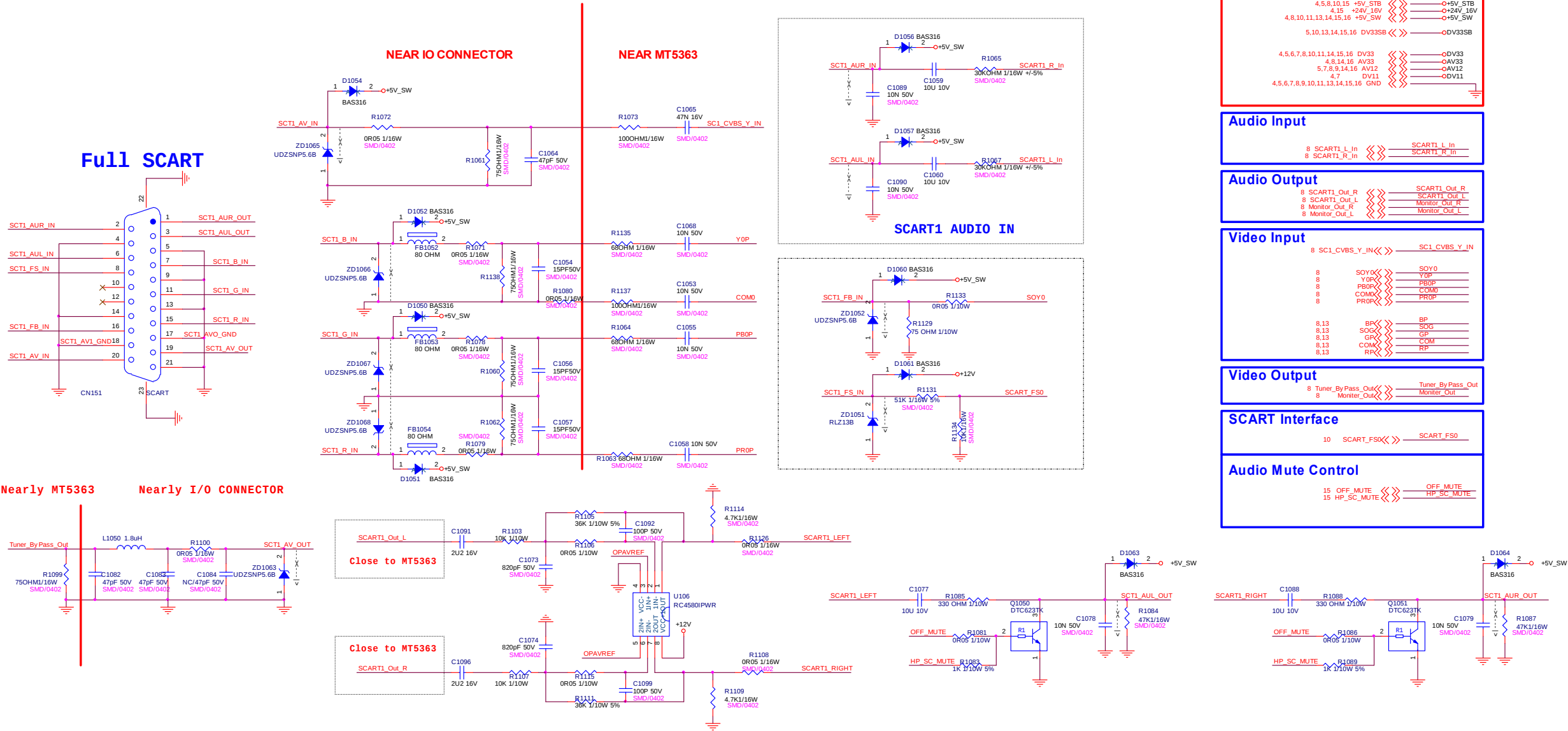


RC6_OUT_EN	RC6_OUT
LO	YES
HI	NO

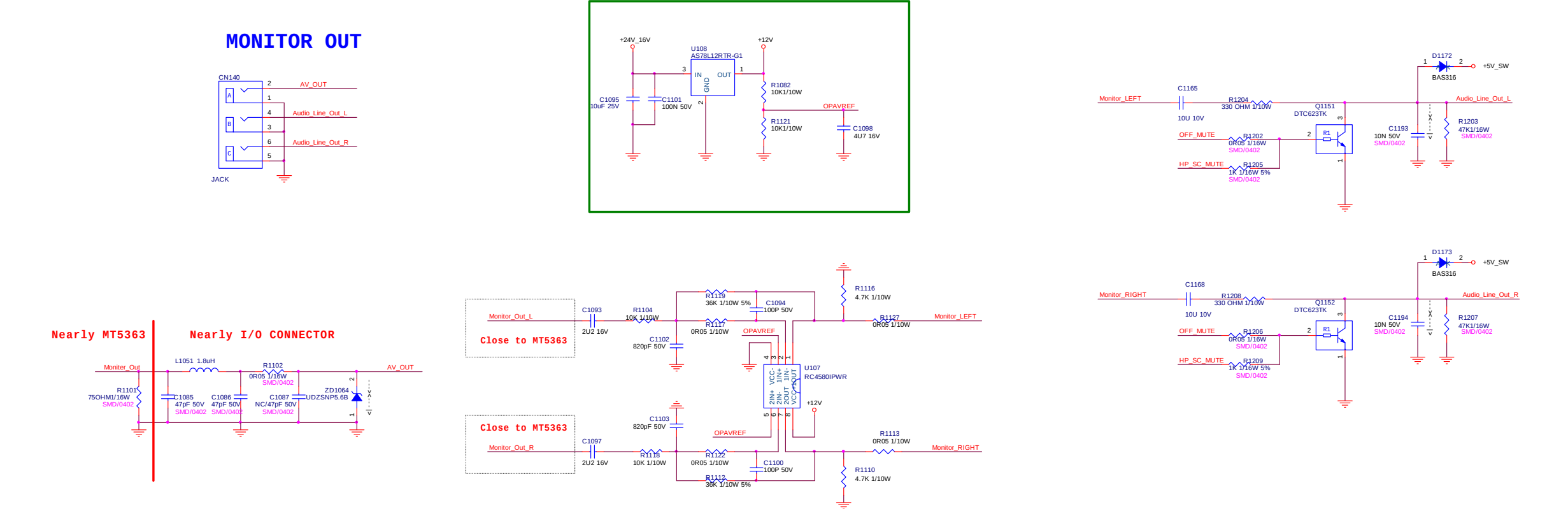
08. CI CARD

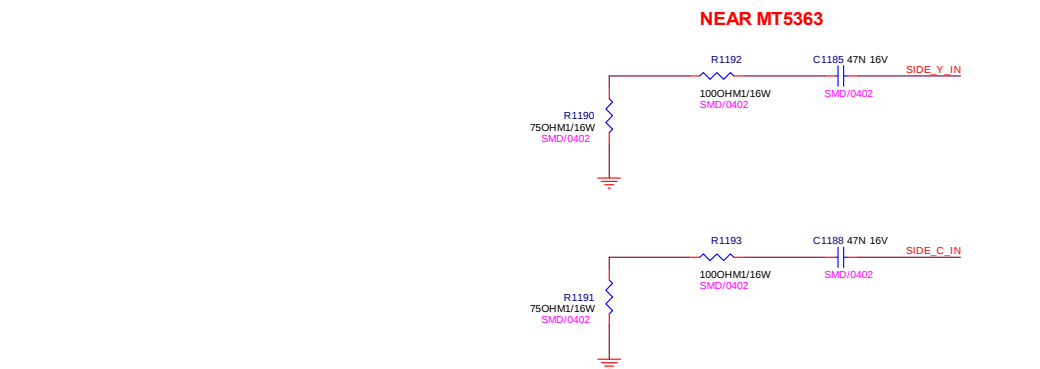
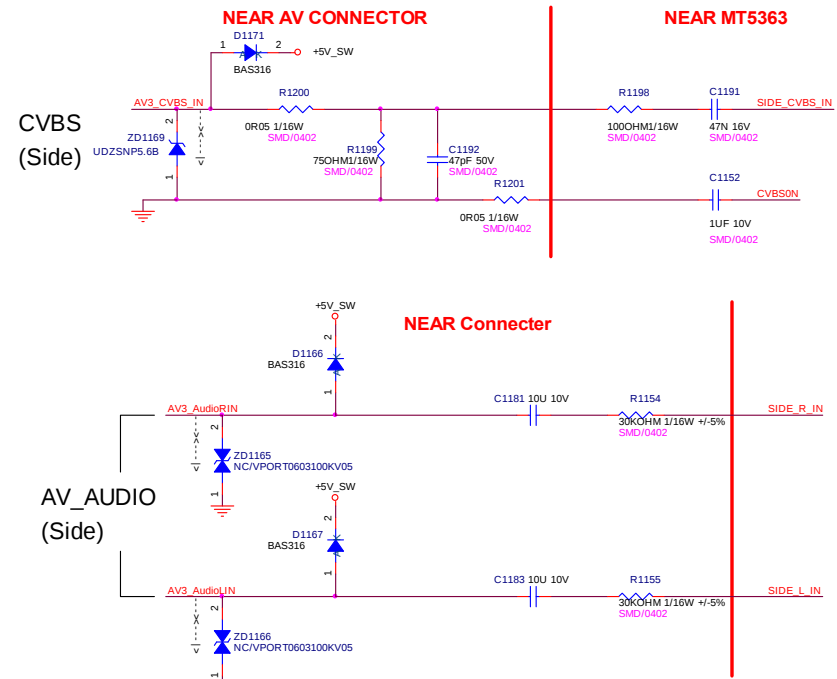
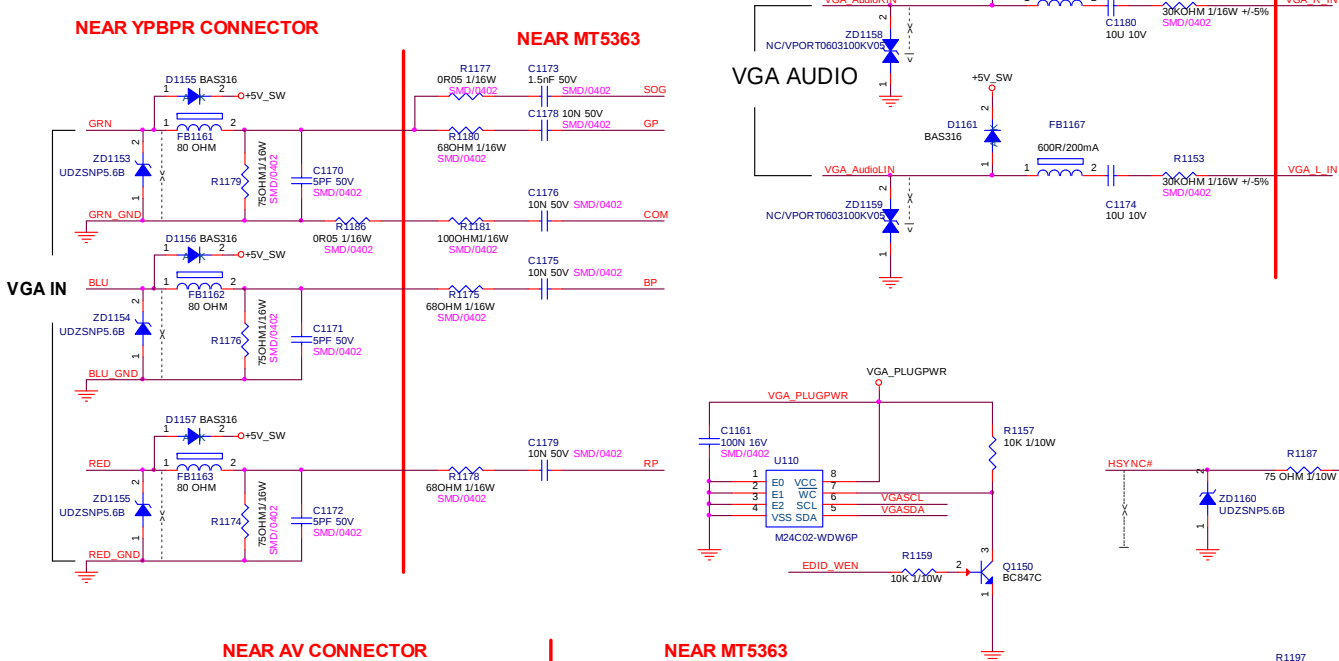
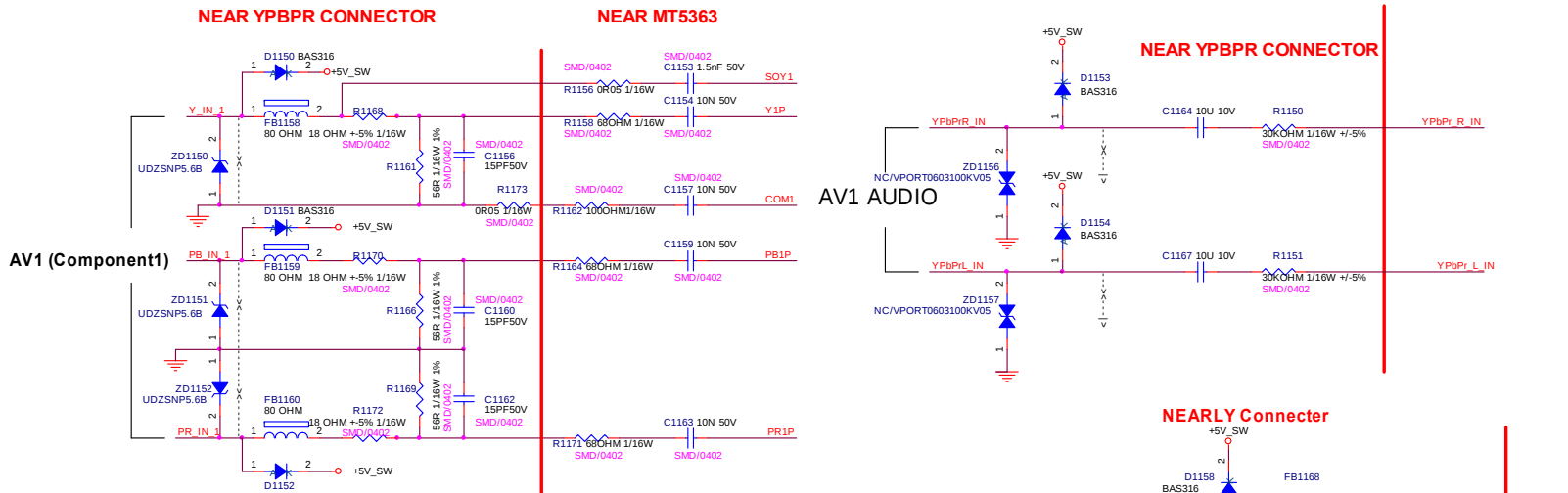


09. SCART/Monitor OUT



MONITOR OUT

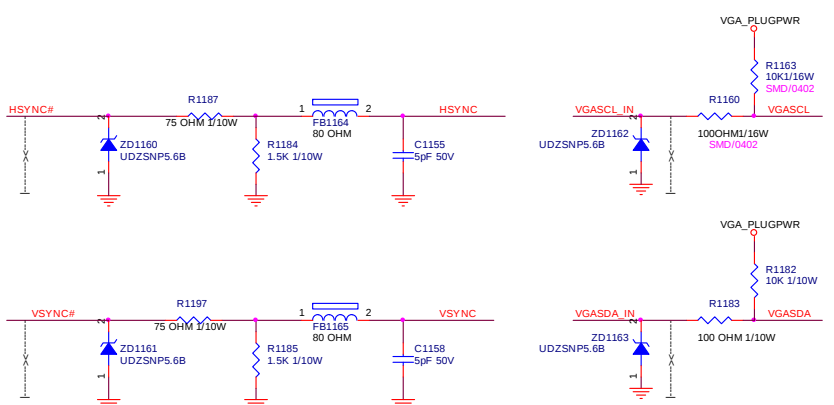




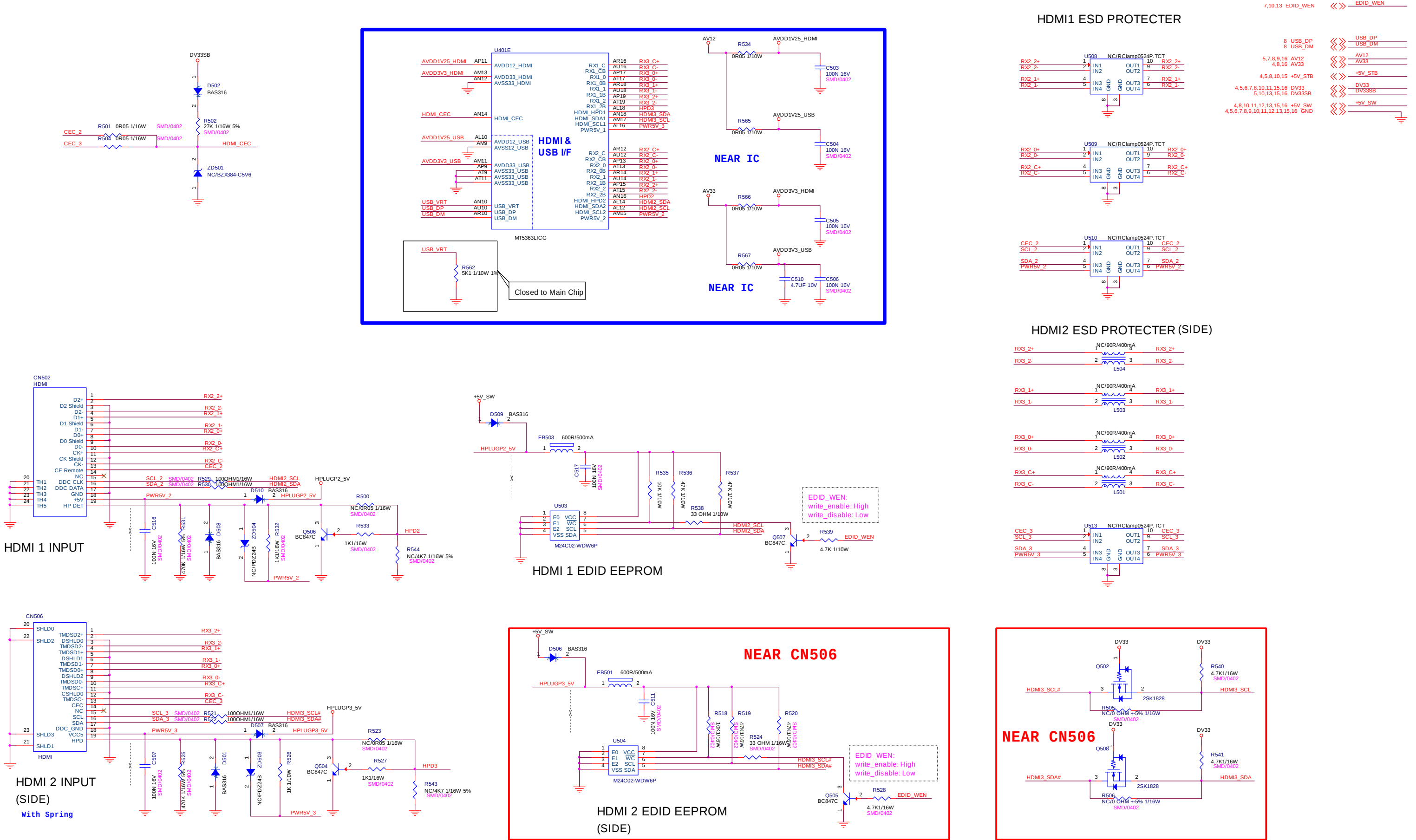
Video Input

8	SIDE_CVBS_IN	<<<<	SIDE_CVBS_IN
8	SIDE_C_IN	<<<<	SIDE_C_IN
8	SIDE_Y_IN	<<<<	SIDE_Y_IN
8	SOY1	<<<<	SOY1
8	Y1P	<<<<	Y1P
8	PB1P	<<<<	PB1P
8	COM1	<<<<	COM1
8	PR1P	<<<<	PR1P

7,8	M_SPDIF_Out	《》	M_SPDIF_Out
8	VGA_RX_TX_EN	《》	VGA_RX_TX_EN
10	U0RX	《》	U0RX
10	U0TX	《》	U0TX
12,15	OFF_MUTE	《》	OFF_MUTE
12,15	HP_SC_MUTE	《》	HP_SC_MUTE

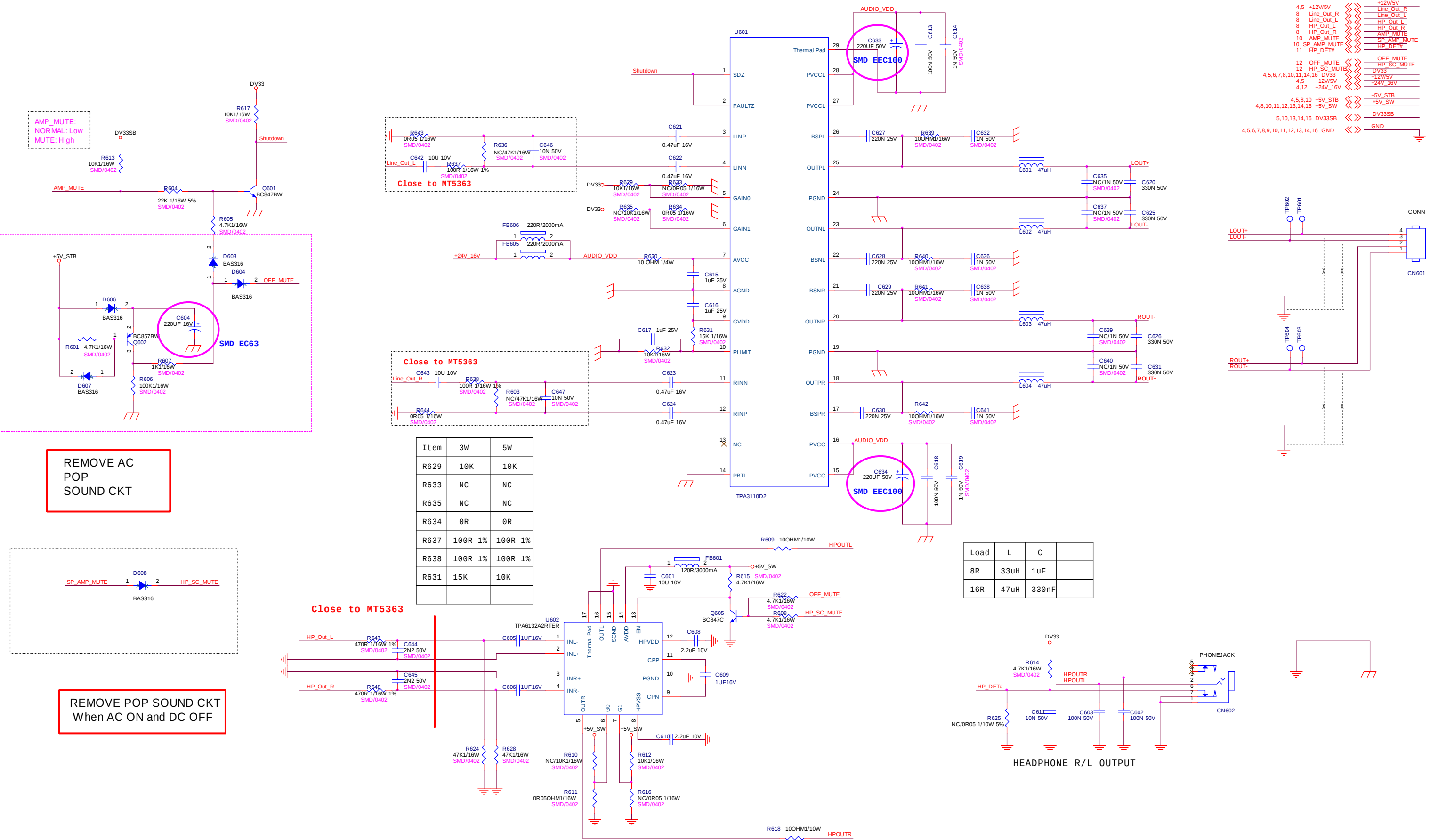


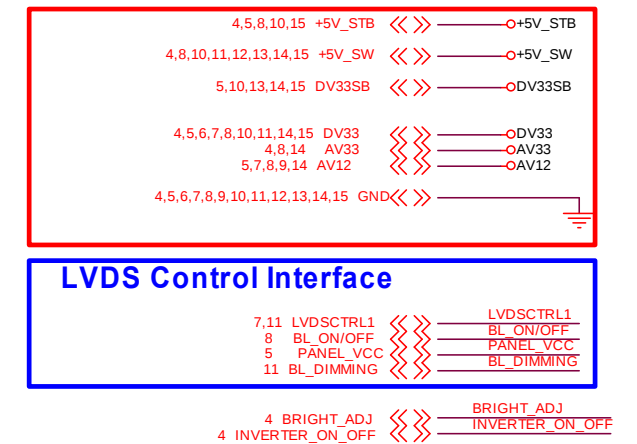
11. HDMI1/HDMI2 INPUT



LC-26SH330, LC-32SH330, LC-42SH330

12. AUDIO AMP/HEADPHONE OUT



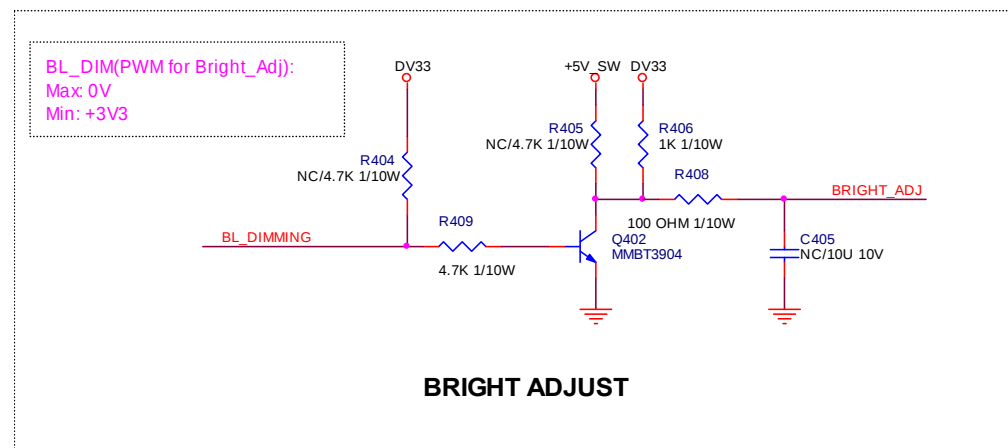


WXGA Panel USE

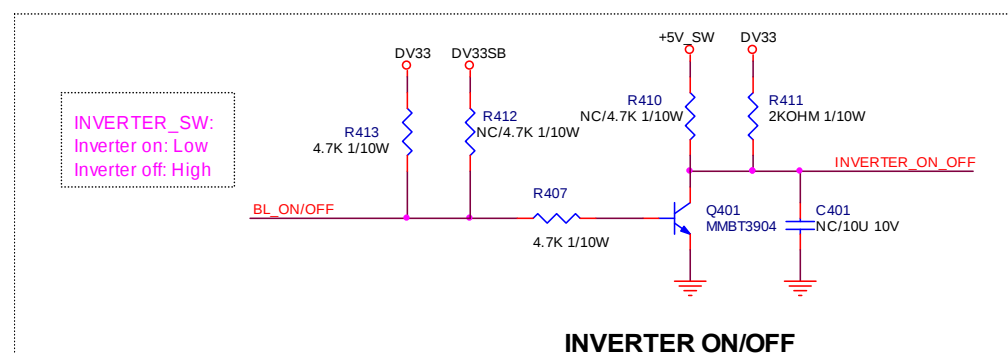
EPC Connector

FOR WXGA PANEL

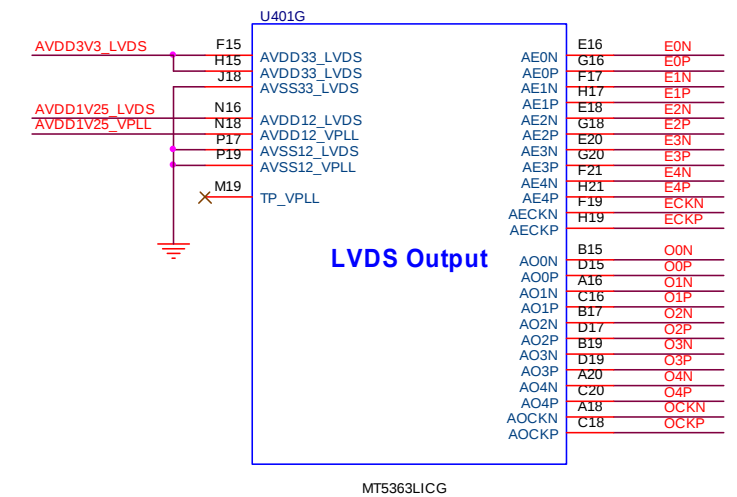
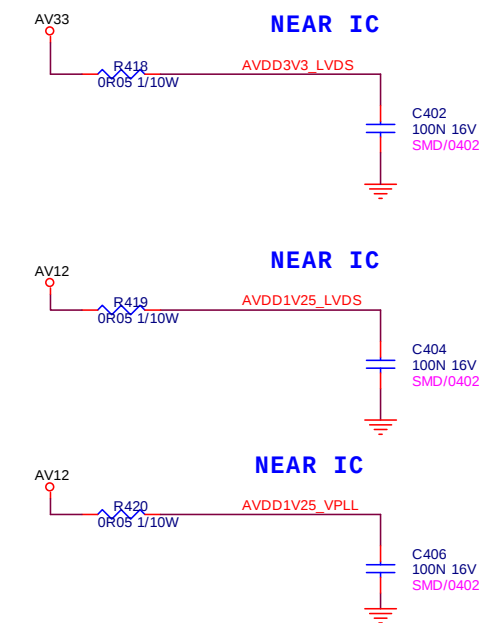
FOR FULL HD PANEL



BL CONTROL	R408	R406	C405
PWM CONTROL	100R	1K	N/C
DC CONTROL	5K6	1K	10U

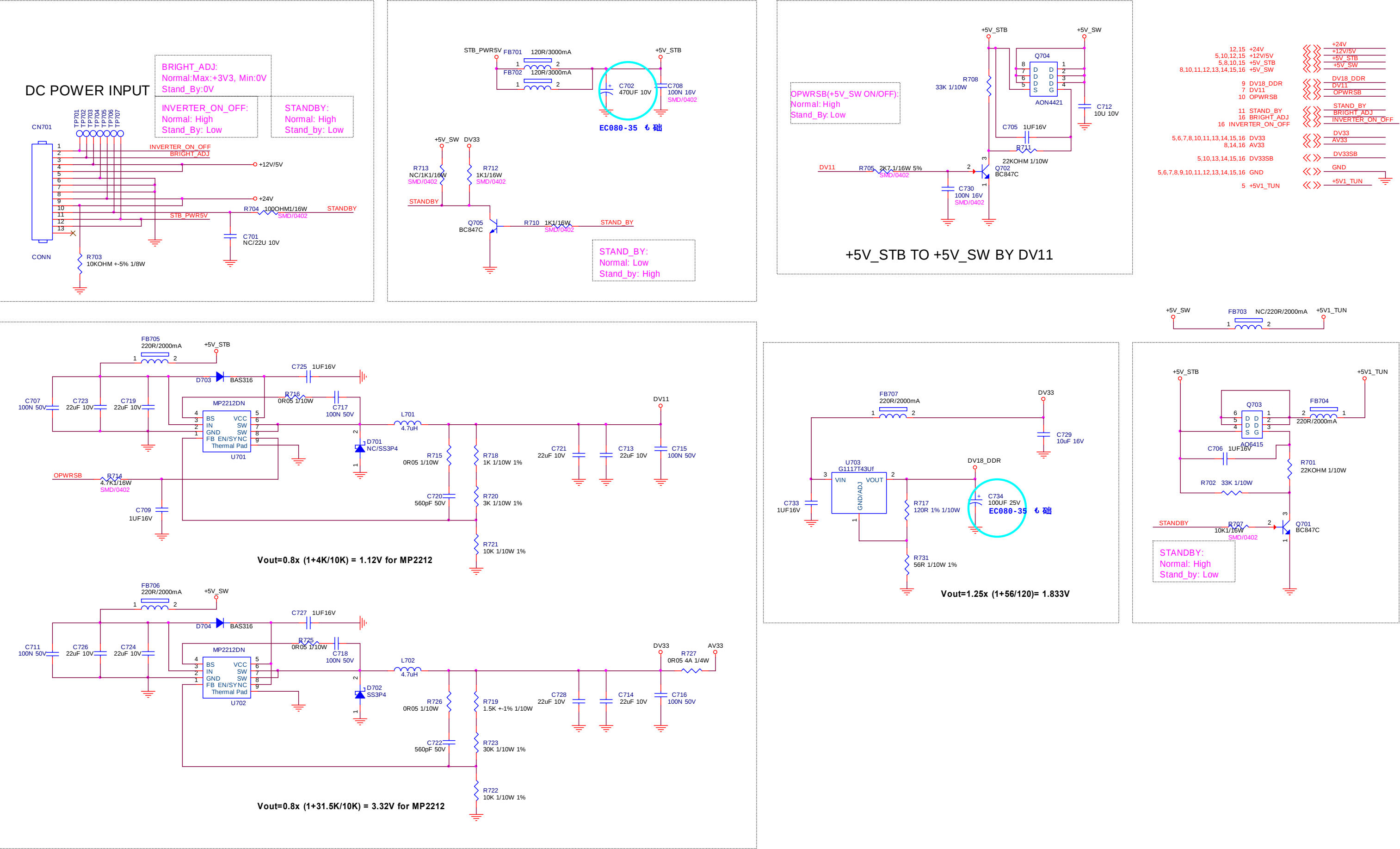


INVERTER ON/OFF	R410	R411
3V3	N/C	2K
5V	4K7	N/C

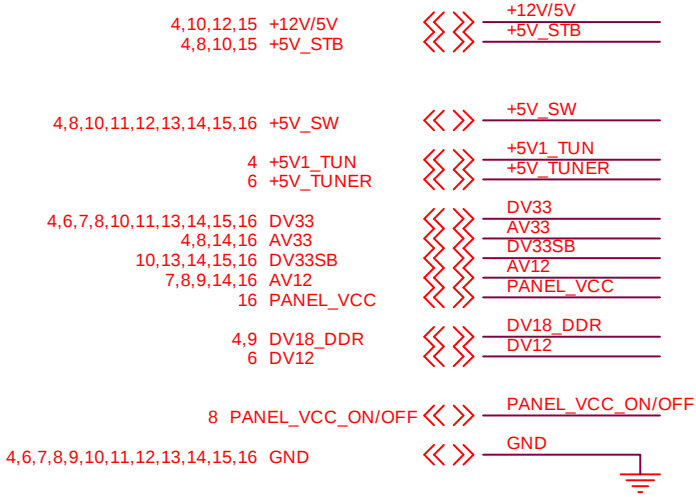
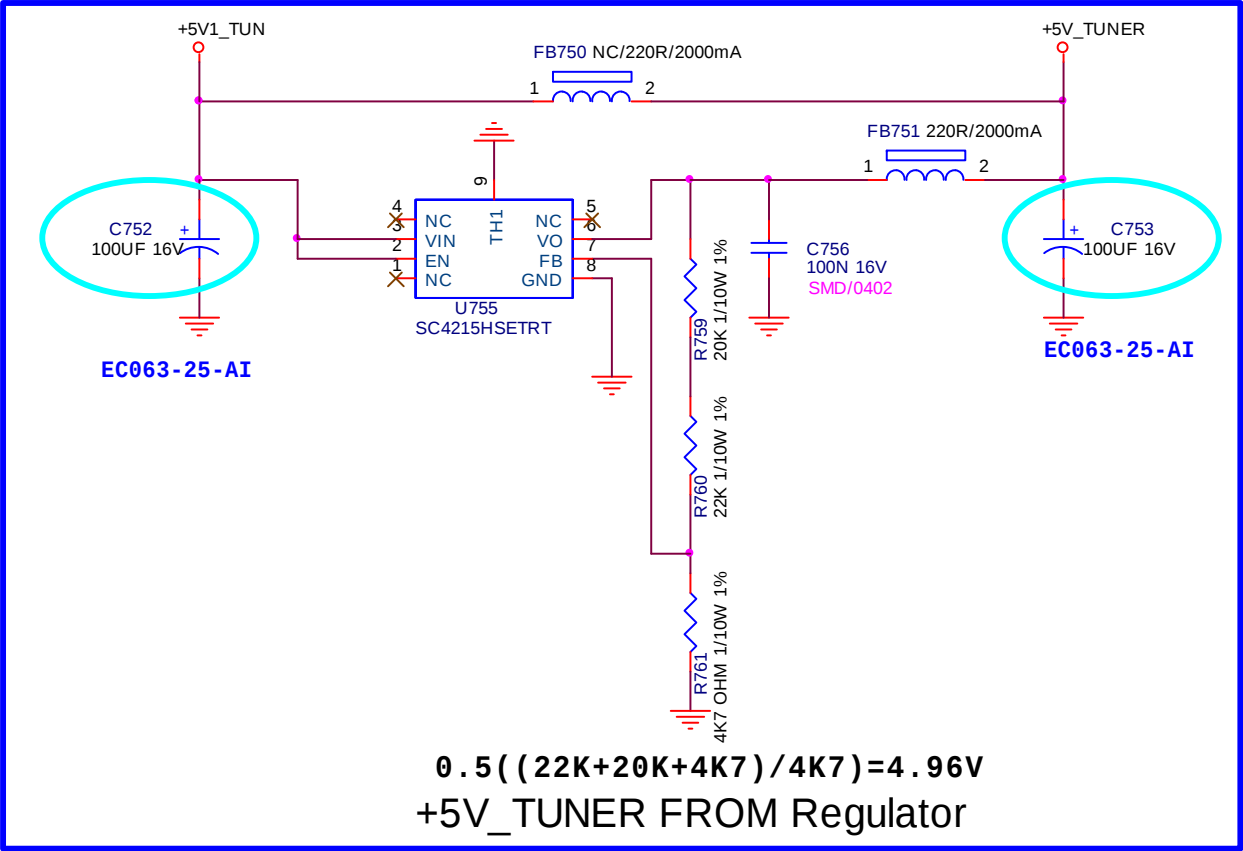
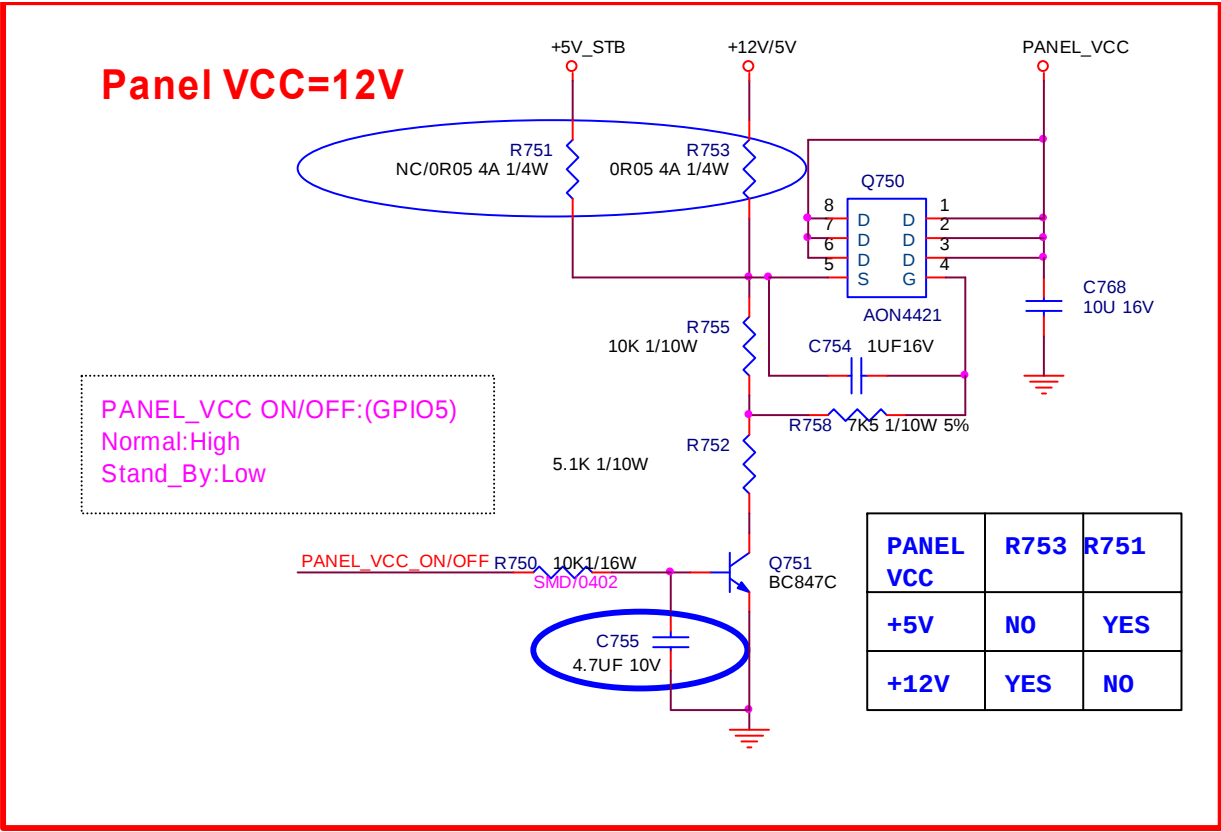
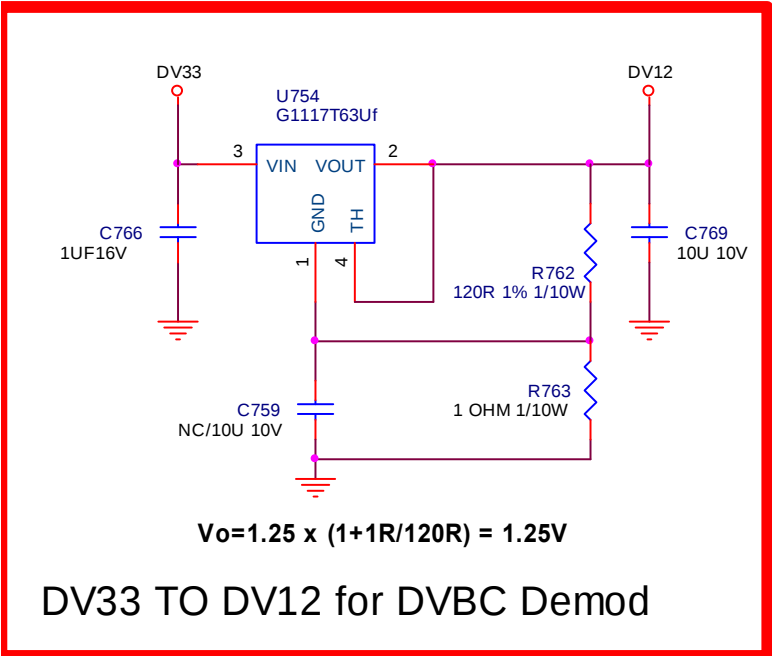
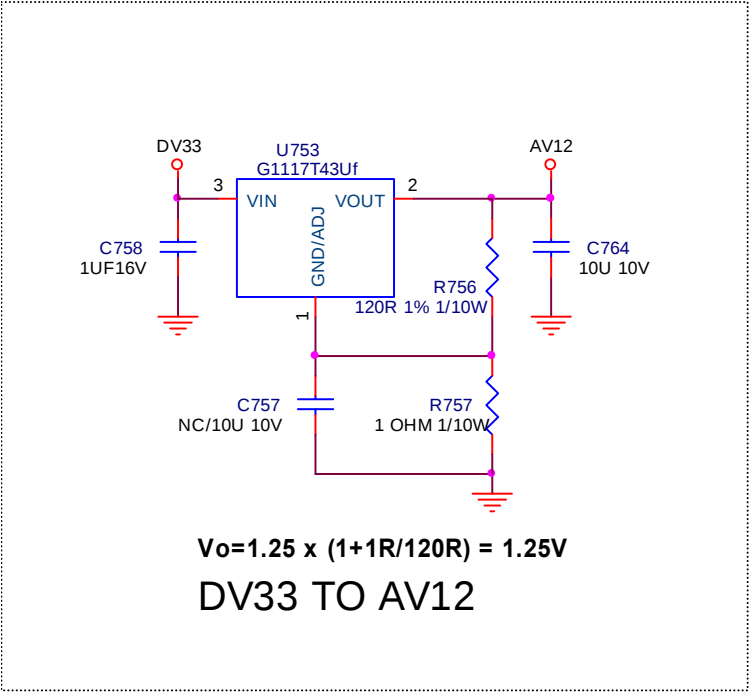
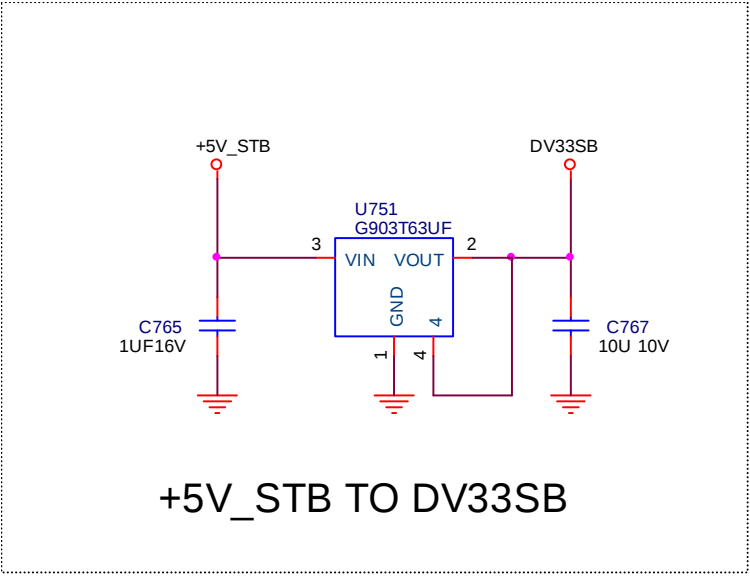


MAIN SCHEMATIC DIAGRAM (for 32" and 42")
01. POWER-1

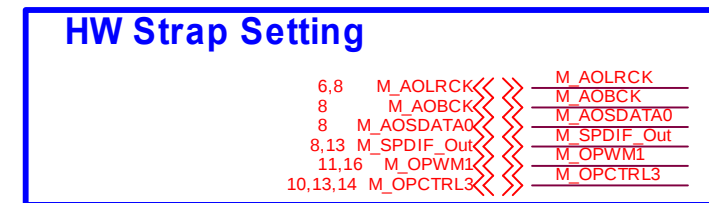
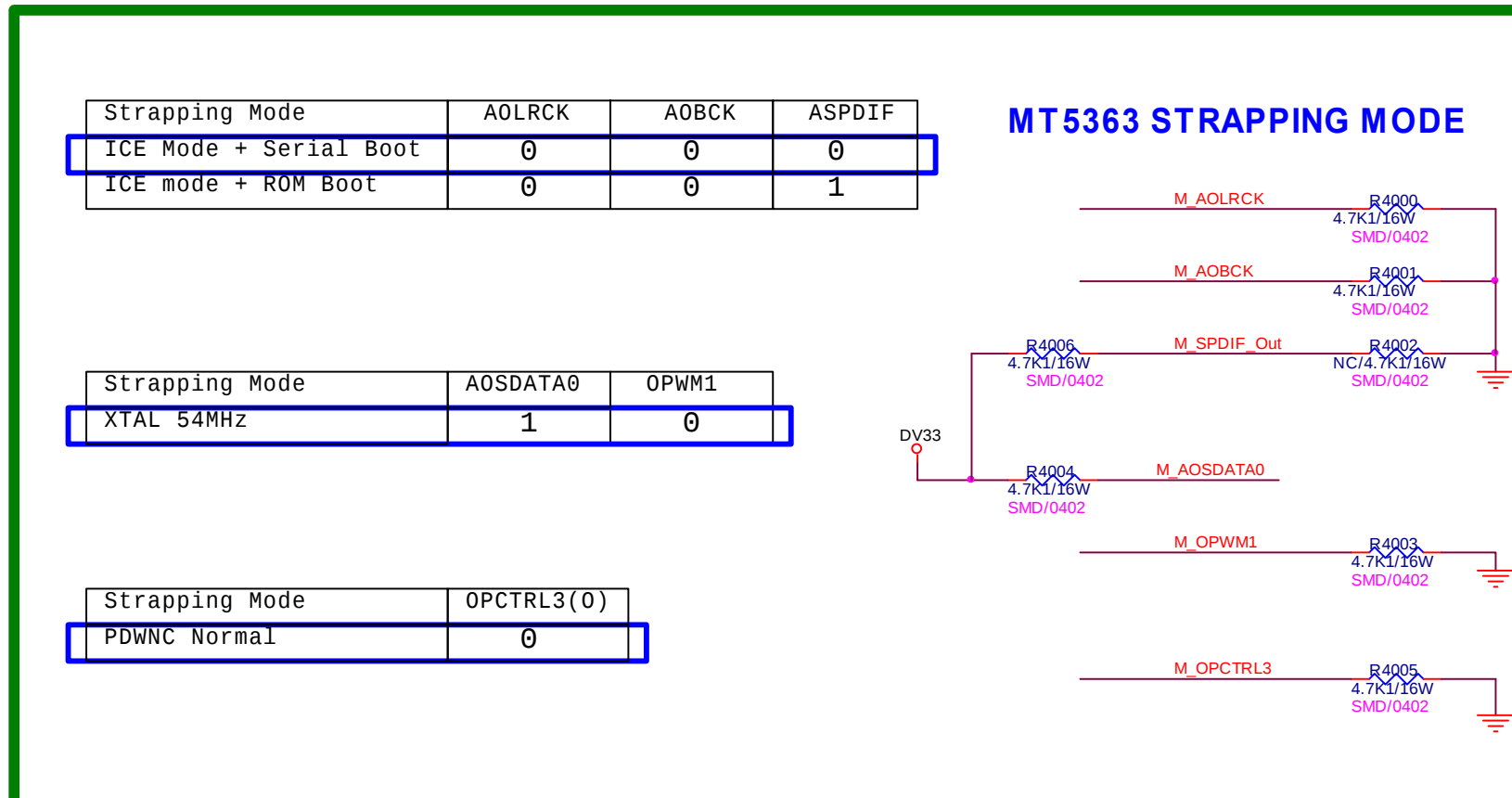
EU MT5363 - 4 LAYERS



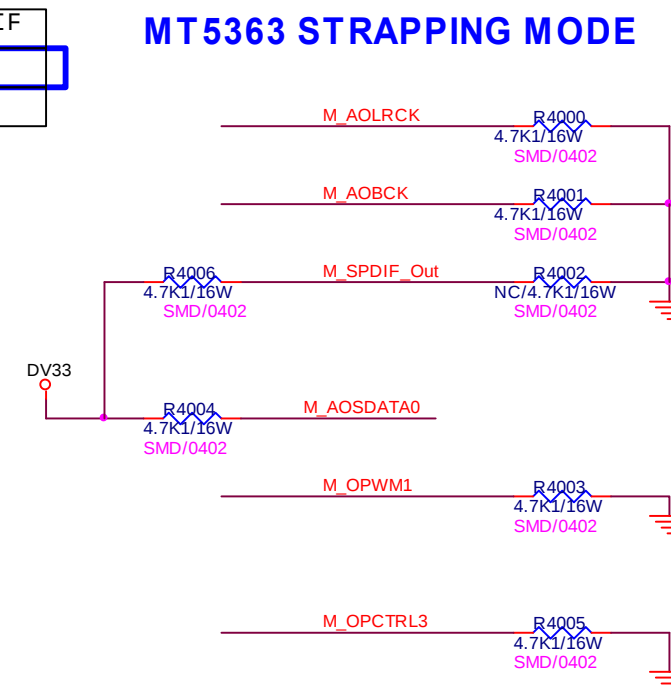
02. POWER-2

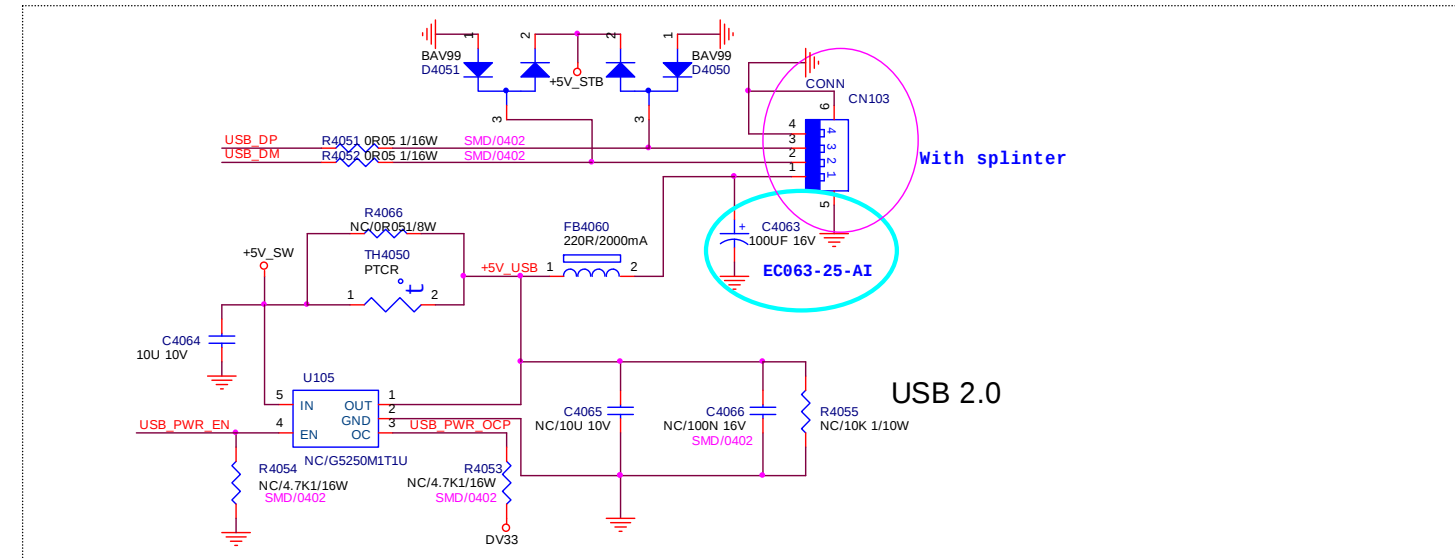
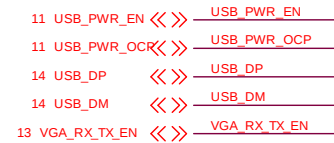






Strapping Mode	OPCTRL3(0)
PDWNC Normal	0





[illegible]

The diagram shows the bottom side of the PCB with two DDR memory modules. The top module, labeled 'Bottom Side DDR#1', has a signal trace 'DV18_DDR' connected to a 100uF 16V capacitor (C4102) and a series of capacitors (C4104 to C4120) connected to SMD/0402 components. The bottom module, labeled 'Bottom Side DDR#2', has a signal trace 'DV18_DDR' connected to a 100uF 16V capacitor (C4103) and a series of capacitors (C4113 to C4129) connected to SMD/0402 components.

The diagram shows a circuit section labeled "Main Chip Bottom Side" enclosed in a dashed box. A signal line labeled "DV18_DDR" enters from the left. A series of capacitors are connected along this line. The first capacitor, C4110, is labeled "10U 10V". Following it are capacitors C4116, C4111, C4122, C4121, C4123, C4124, C4125, and C4126, each labeled "1UF16V" or "100N 16V". The capacitors are connected to a common ground line at the bottom. The ground connection is labeled "GND" at the bottom left. The capacitors are also labeled with "SMD/0402" at the bottom right.

The diagram illustrates the timing and signal characteristics for RCLK0 and RCLK0# signals. It shows two signal traces, RCLK0 (top) and RCLK0# (bottom), both labeled with a red 'R'. The RCLK0 trace has a blue label 'R4109' and '22R 1/16W 5%' indicating a 22 ohm resistor. The RCLK0# trace has a blue label 'R4110' and '22R 1/16W 5%' indicating a 22 ohm resistor. Both traces are connected to a common ground. The RCLK0 trace is also connected to a blue label 'R4106' and '100OHM1/16W' indicating a 100 ohm resistor. The RCLK0# trace is also connected to a blue label 'R4106' and '100OHM1/16W' indicating a 100 ohm resistor. The RCLK0 trace is connected to a blue label 'SMD/D402' and the RCLK0# trace is connected to a blue label 'SMD/D402'. The RCLK0 trace is connected to a blue label 'CLK0' and the RCLK0# trace is connected to a blue label 'CLK0#'. The RCLK0 trace is connected to a blue label 'NEAR IC' and the RCLK0# trace is connected to a blue label 'NEAR DRAM'. The RCLK0 trace is connected to a blue label 'Damping and Termination for CLK' and the RCLK0# trace is connected to a blue label 'Damping and Termination for CLK'.

NEAR IC

NEAR DRAM

RCLK1

R4111
22R 1/16W 5%
SMD/0402

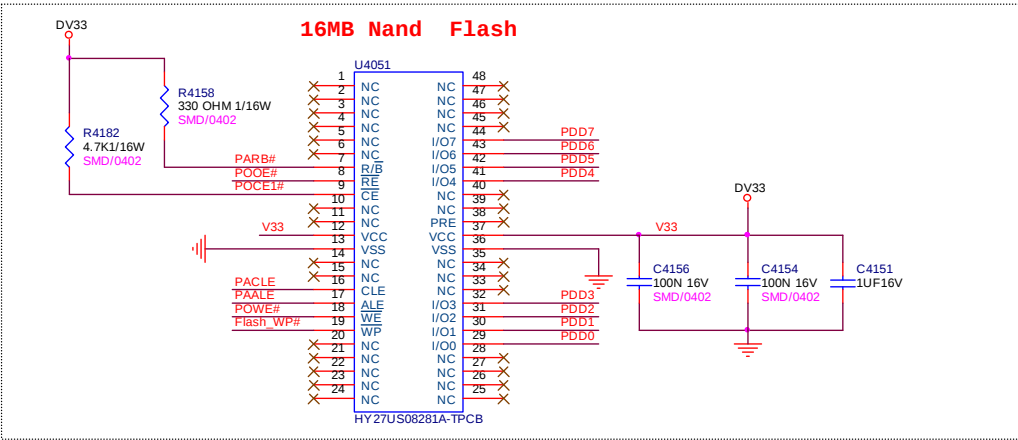
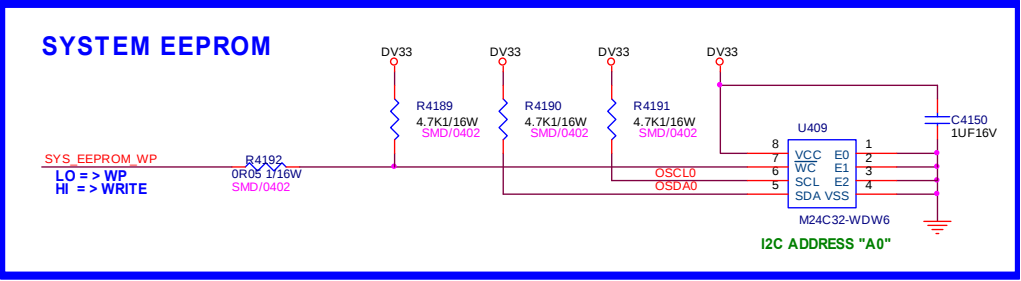
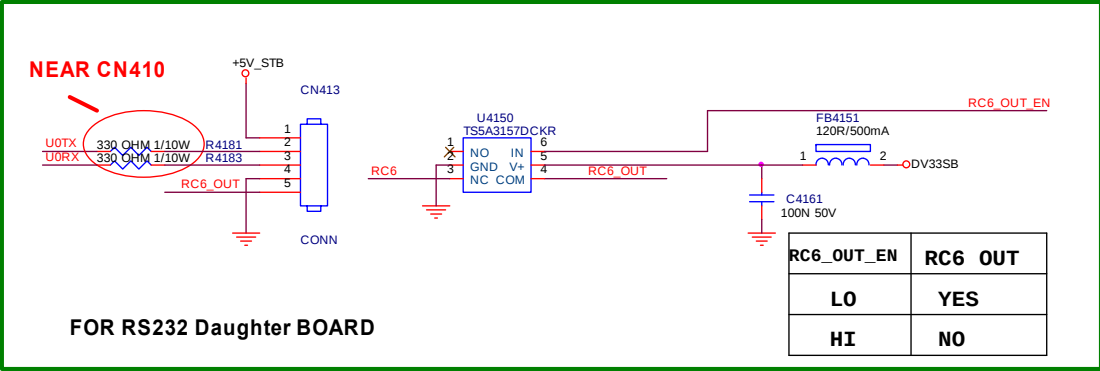
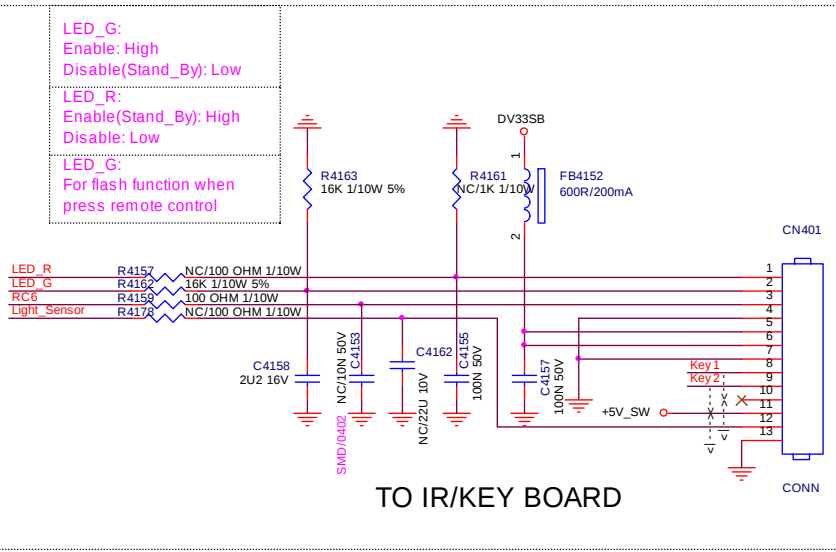
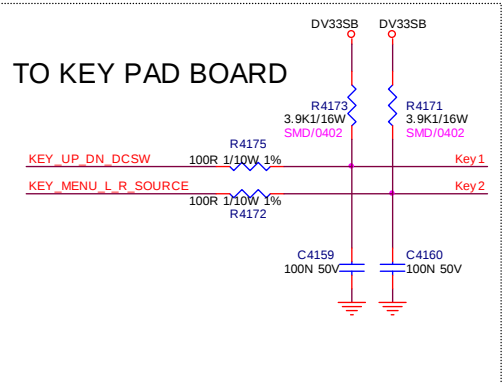
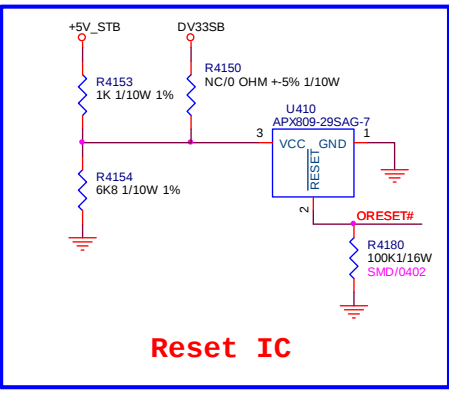
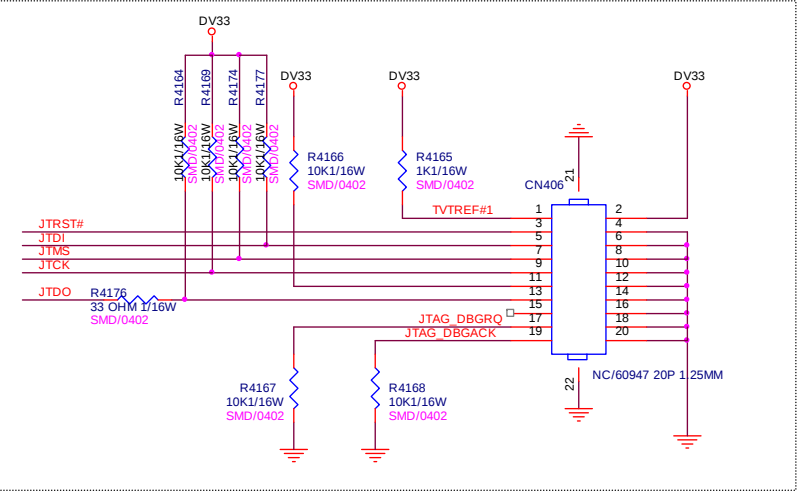
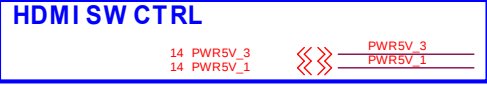
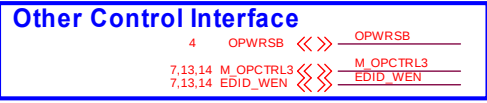
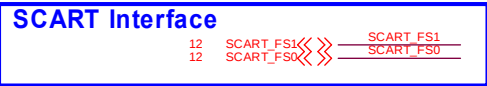
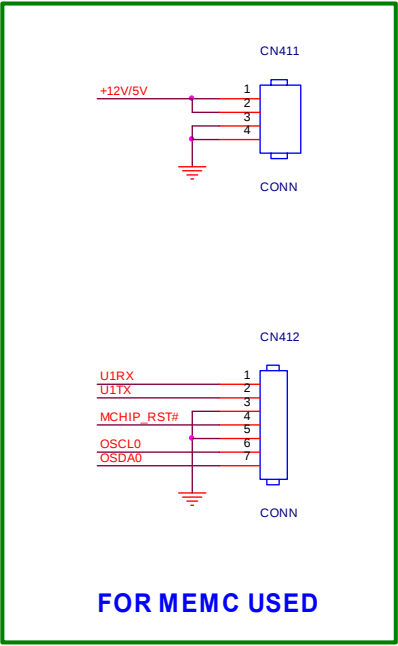
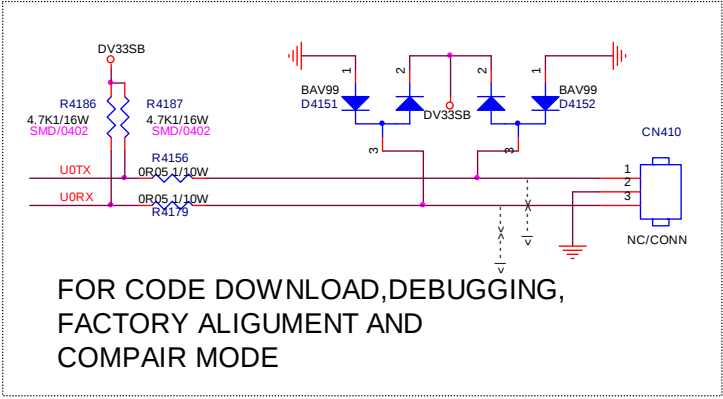
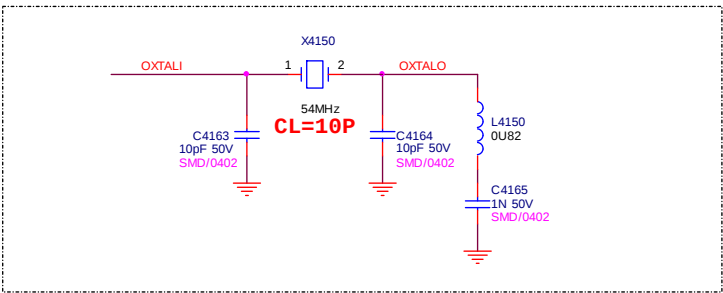
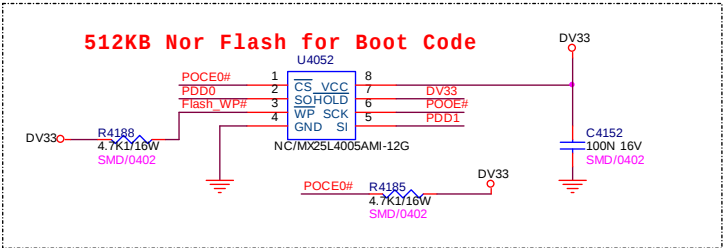
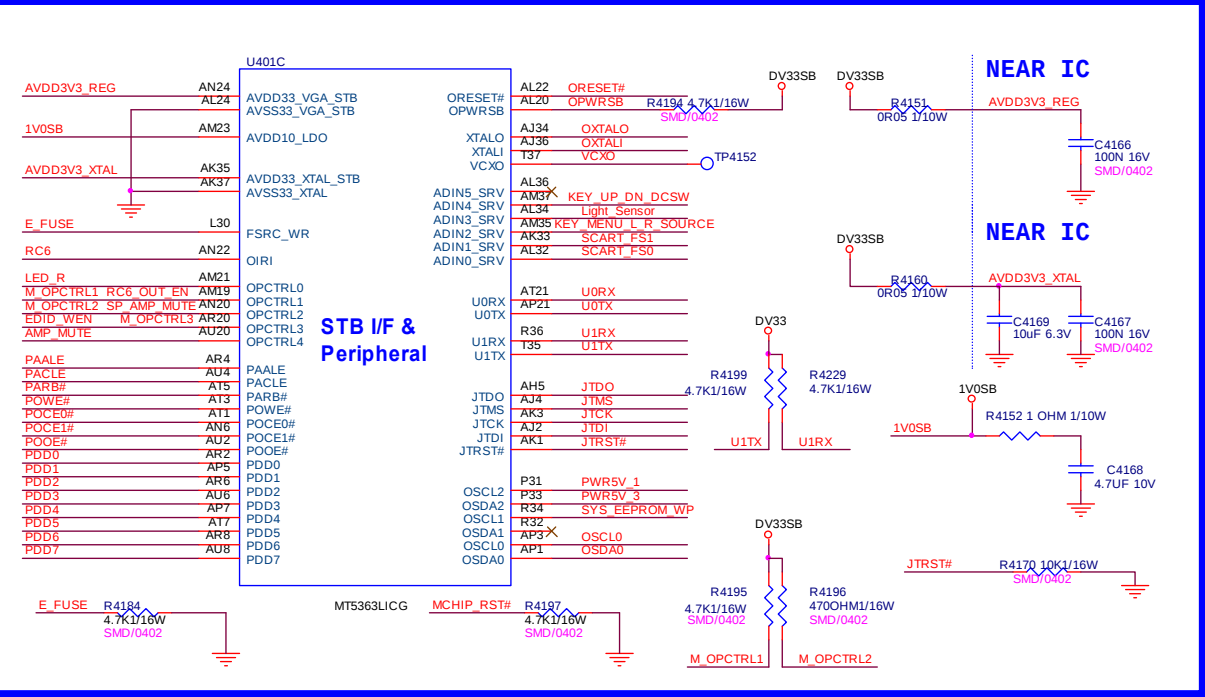
CLK1

R4107
100OHM/16W
SMD/0402

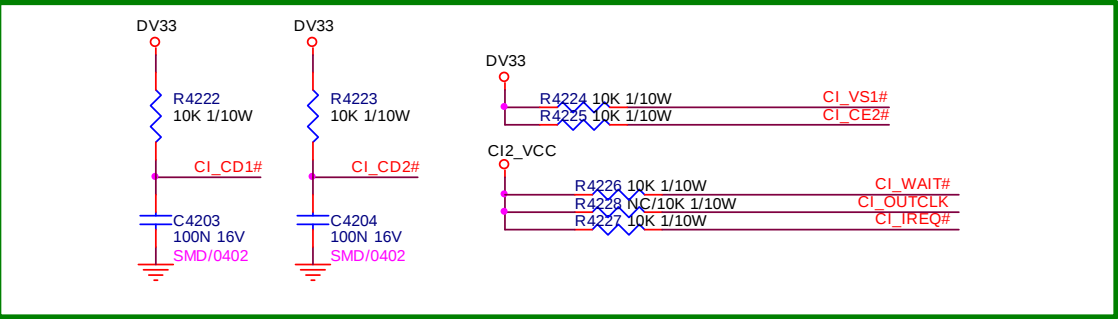
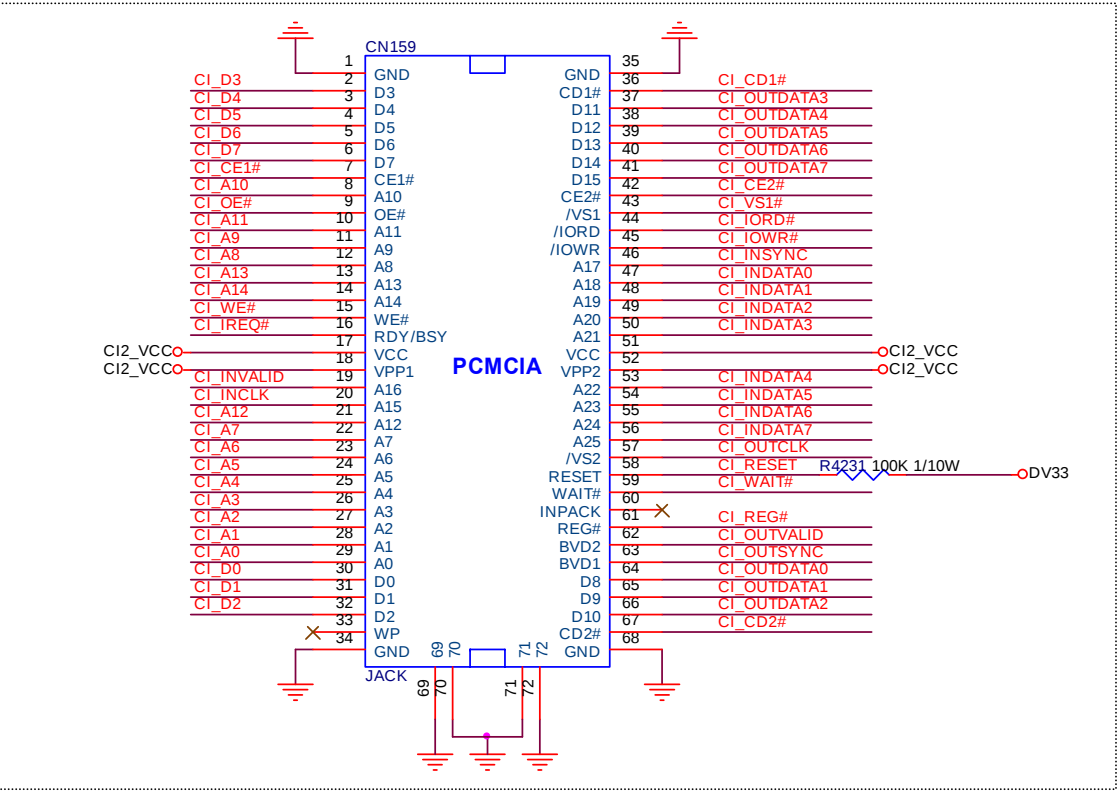
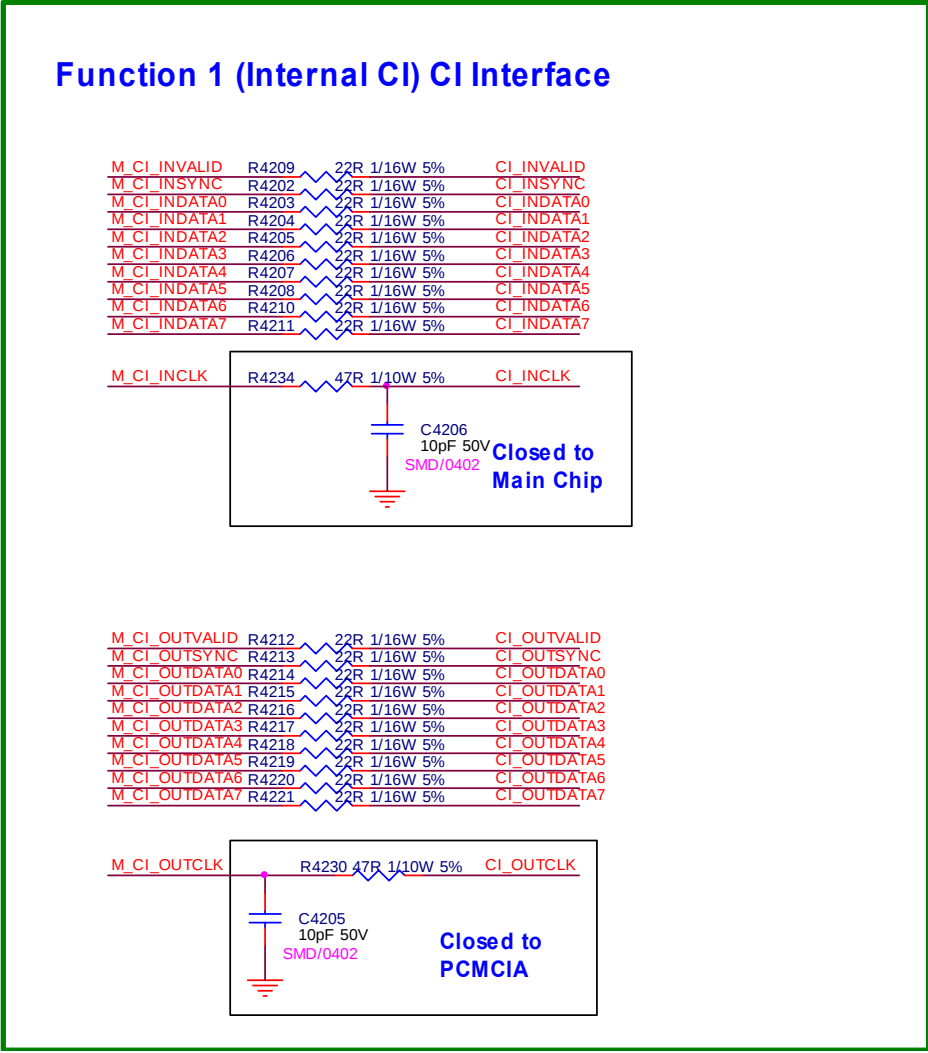
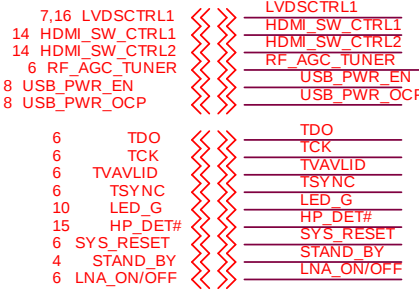
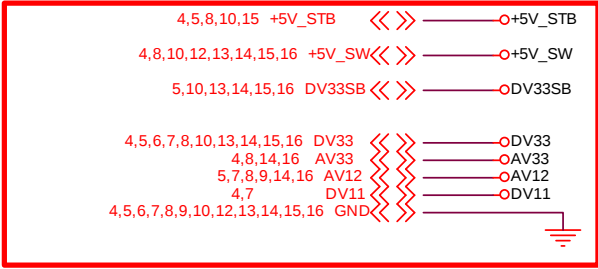
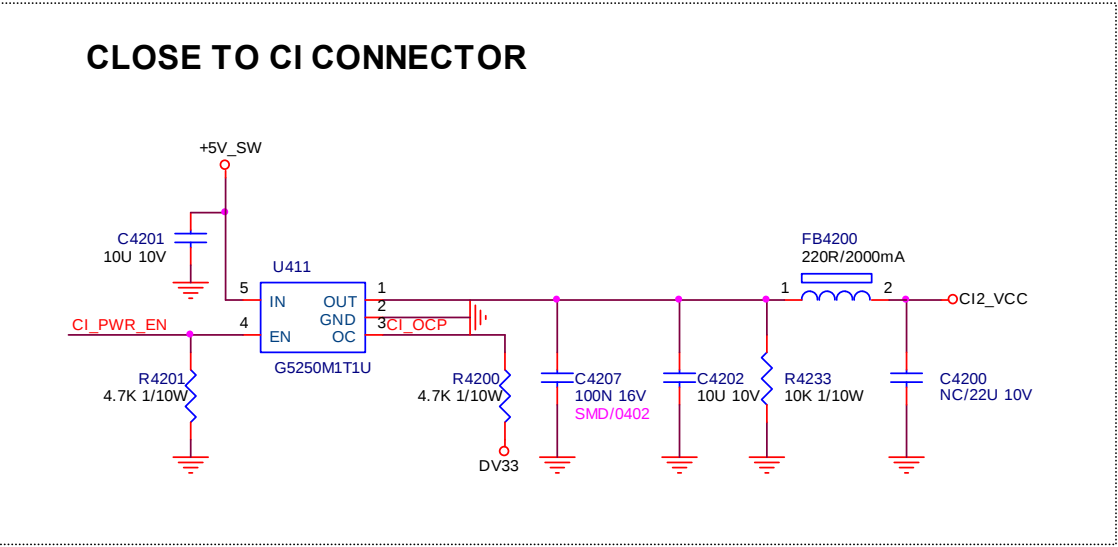
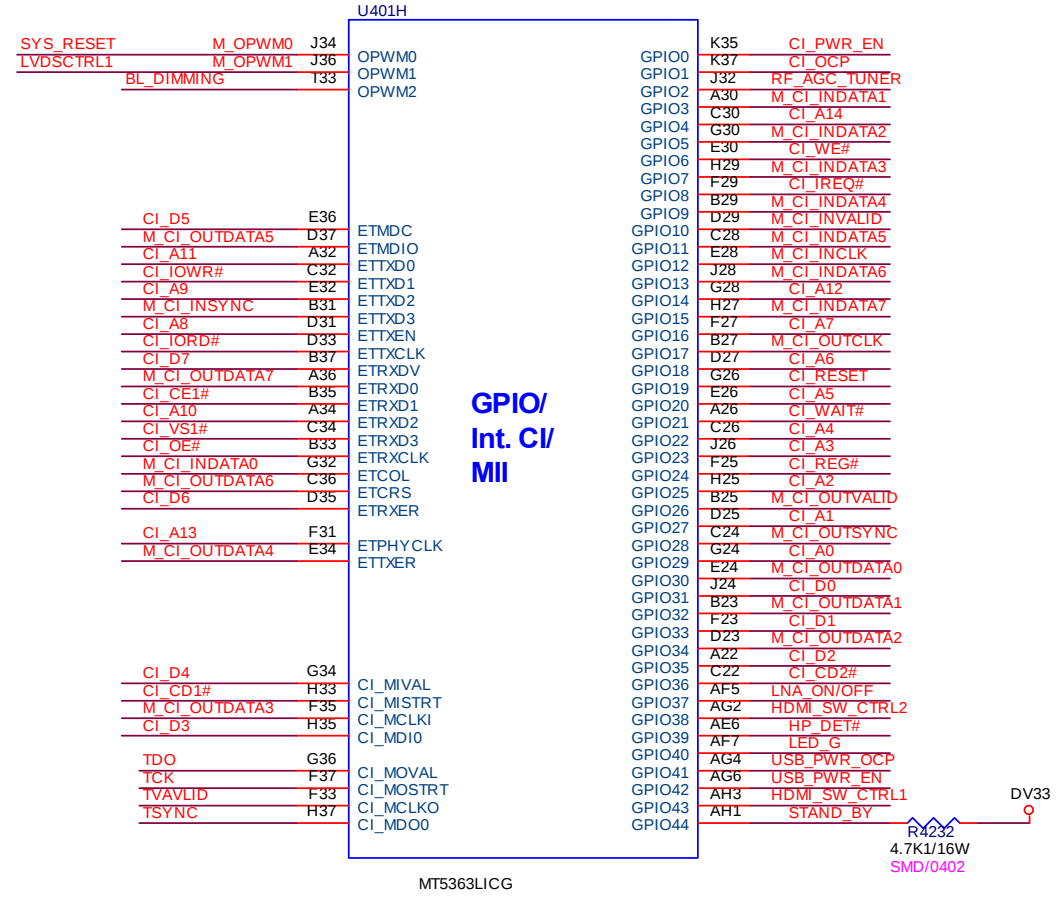
RCLK1#

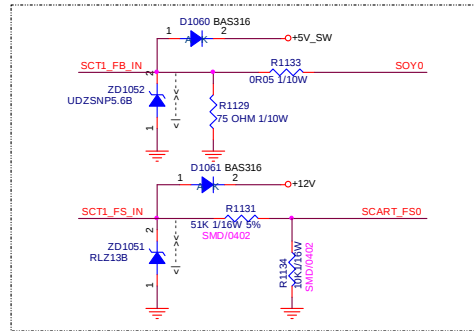
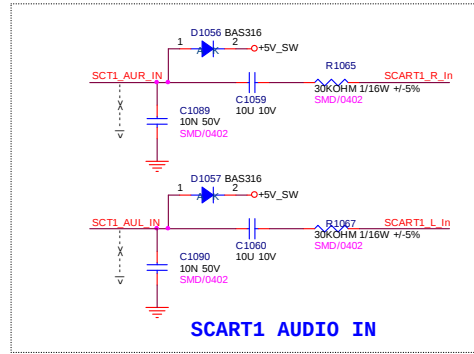
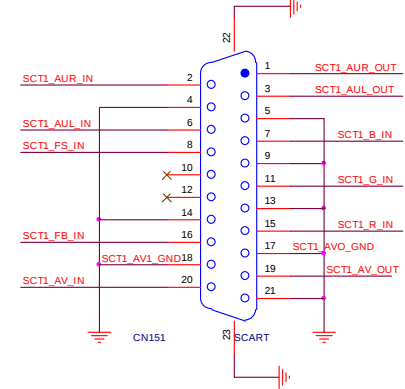
CLK1#

Damping and Termination for CLK



08. CI CARD





4,5,8,10,15	+5V_STB	↔	+5V_STB
4,15	+24V	↔	+24V
4,8,10,11,13,14,15,16	+5V_SW	↔	+5V_SW
5,10,13,14,15,16	DV33SS	↔	DV33SS
13	+12V	↔	+12V
4,5,10,15	+12V/5V	↔	+12V/5V
4,5,6,7,8,10,11,13,14,15,16	DV33	↔	DV33
8,14,15,16	AV33	↔	AV33
5,7,8,9,14,16	AV12	↔	AV12
4,7	DV11	↔	DV11
4,5,6,7,8,9,10,11,13,14,15,16	GND	↔	GND

Audio Input

8	SCART2_L_In	SCART2_L_In
8	SCART2_R_In	SCART2_R_In
8	SCART1_L_In	SCART1_L_In
8	SCART1_R_In	SCART1_R_In

Audio Output

8 SCART1_Out_R	SCART1_Out_R
8 SCART1_Out_L	SCART1_Out_L
8 SCART2_Out_R	SCART2_Out_R
8 SCART2_Out_L	SCART2_Out_L

Video Input

8	SC1_CVBS_Y_IN	<<>>	SC1_CVBS_Y_IN
8	SC2_CVBS_Y_IN	<<>>	SC2_CVBS_Y_IN
8	SC2_C_IN	<<>>	SC2_C_IN
8	SOYO	<<>>	SOYO
8	YOP	<<>>	YOP
8	PBOP	<<>>	PBOP
8	COMO	<<>>	COMO
8	PROP	<<>>	PROP

8.13	BP	BP
8.13	SOG	SOG
8.13	GP	GP
8.13	COM	COM
8.13	RP	RP

Video Output

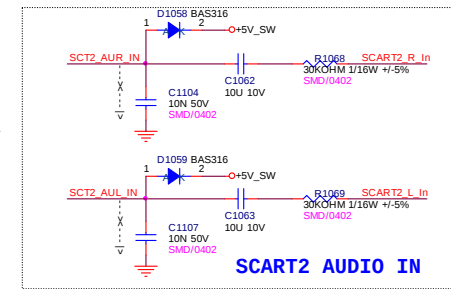
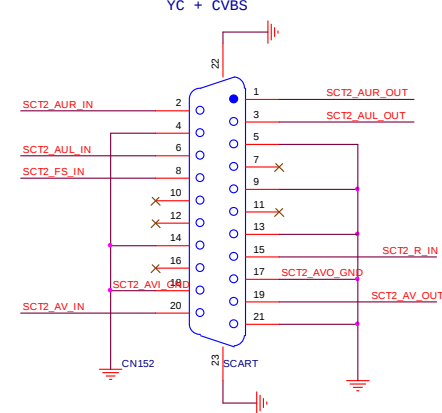
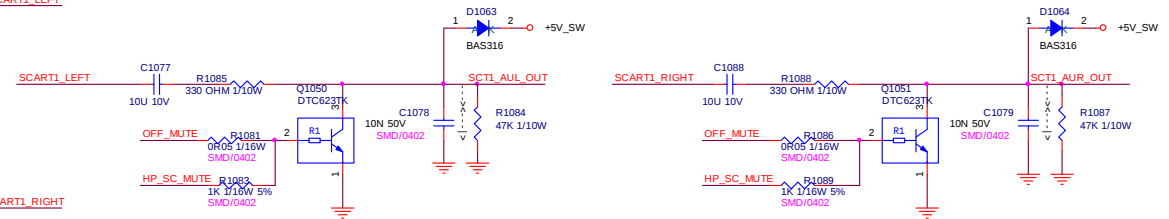
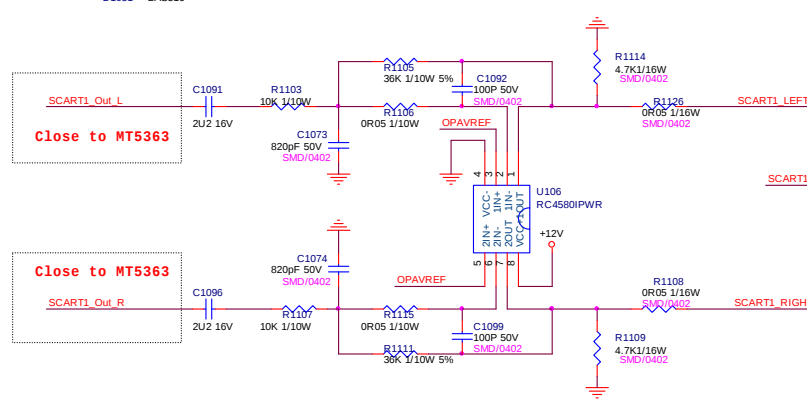
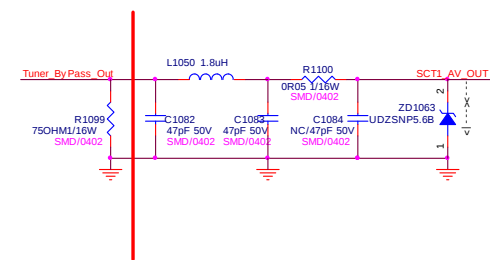
13	AV_OUT	<<>>	AV_OUT
8	Tuner_ByPass_Out	<<>>	Tuner_ByPass_Out
8	Monitor_Out	<<>>	Monitor_Out

SCART Interface

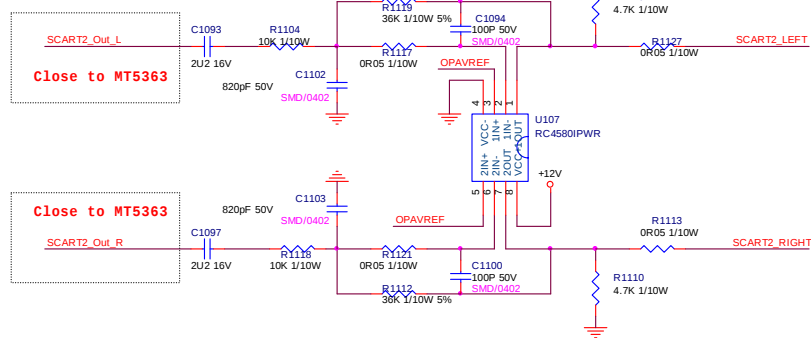
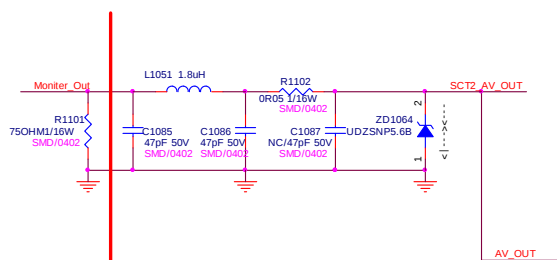
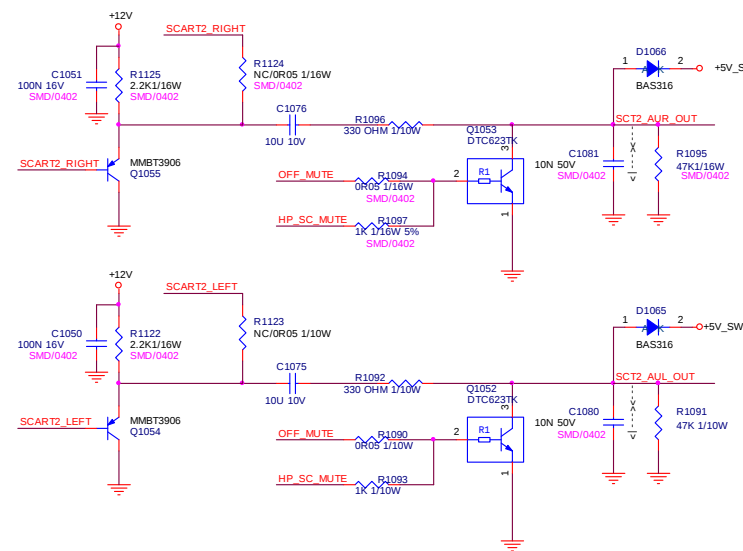
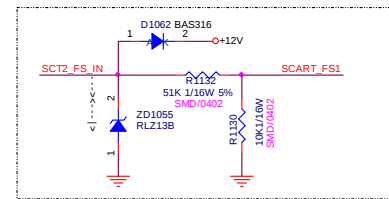
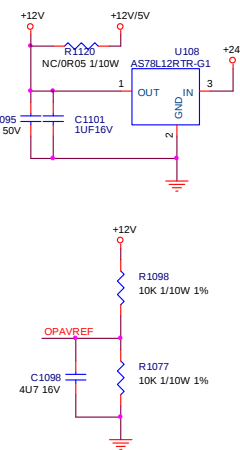
10	SCART_FS1<<>>	SCART_FS1
10	SCART_FS0<<>>	SCART_FS0

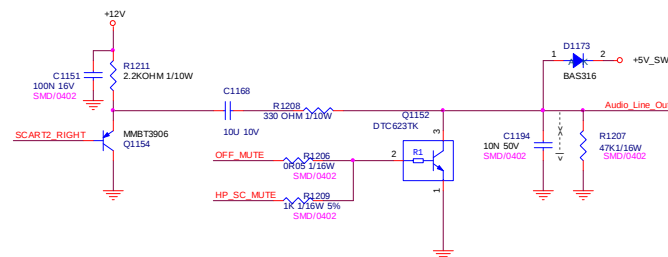
Audio Mute Control

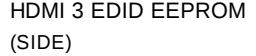
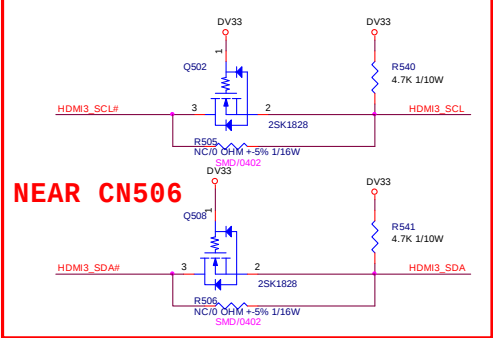
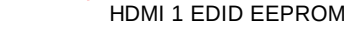
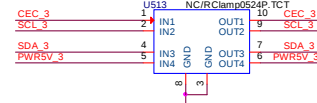
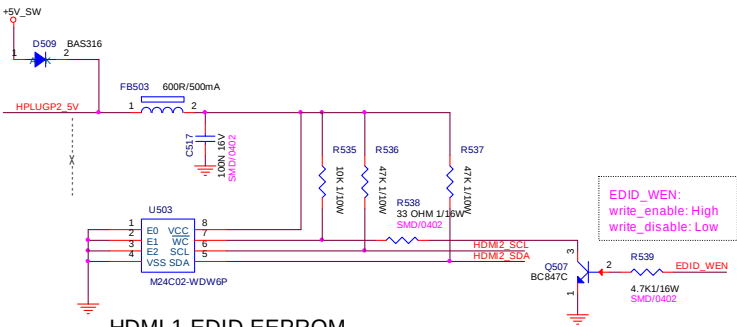
13,15	OFF_MUTE	⟨⟨⟨	OFF_MUTE
13,15	HP_SC_MUTE	⟨⟨⟨	HP_SC_MUTE
13	SCART2_LEFT	⟨⟨⟨	SCART2_LEFT
13	SCART2_RIGHT	⟨⟨⟨	SCART2_RIGHT



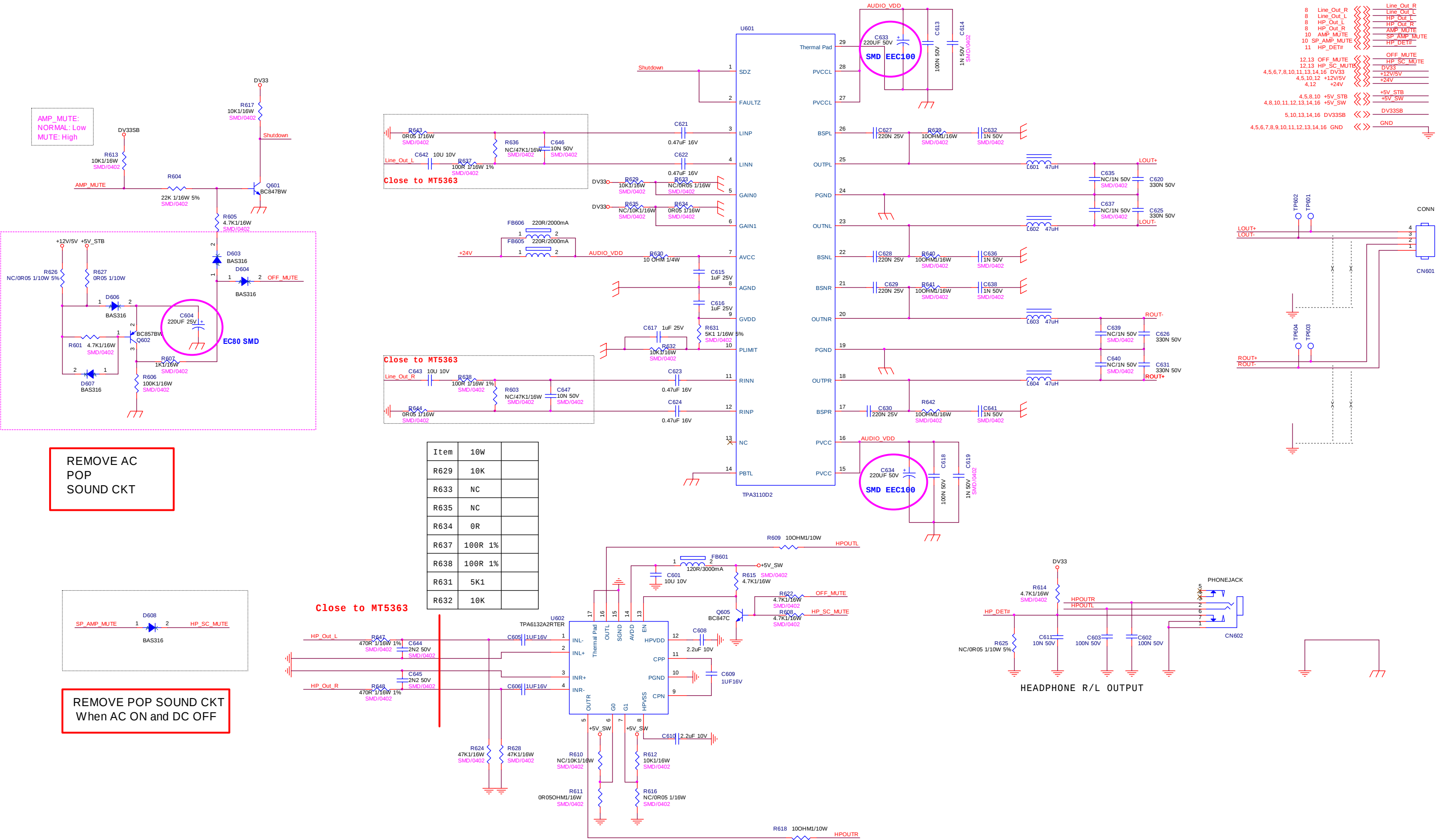
PANEL VCC	R1120	U108
12V	YES	NO
5V	NO	YES







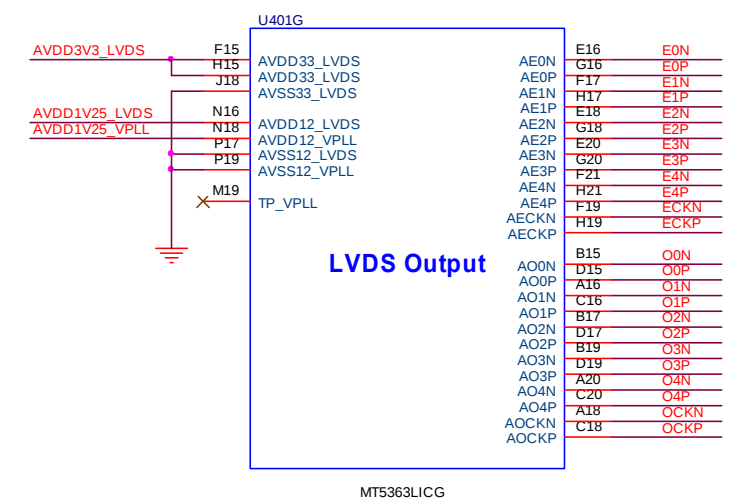
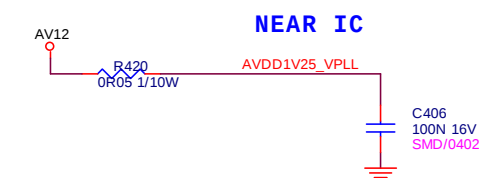
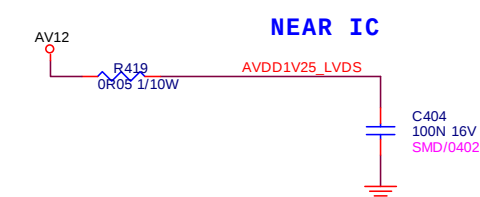
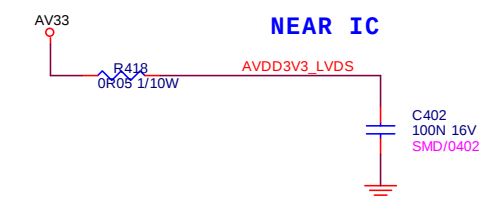
12. AUDIO AMP/HEADPHONE OUT

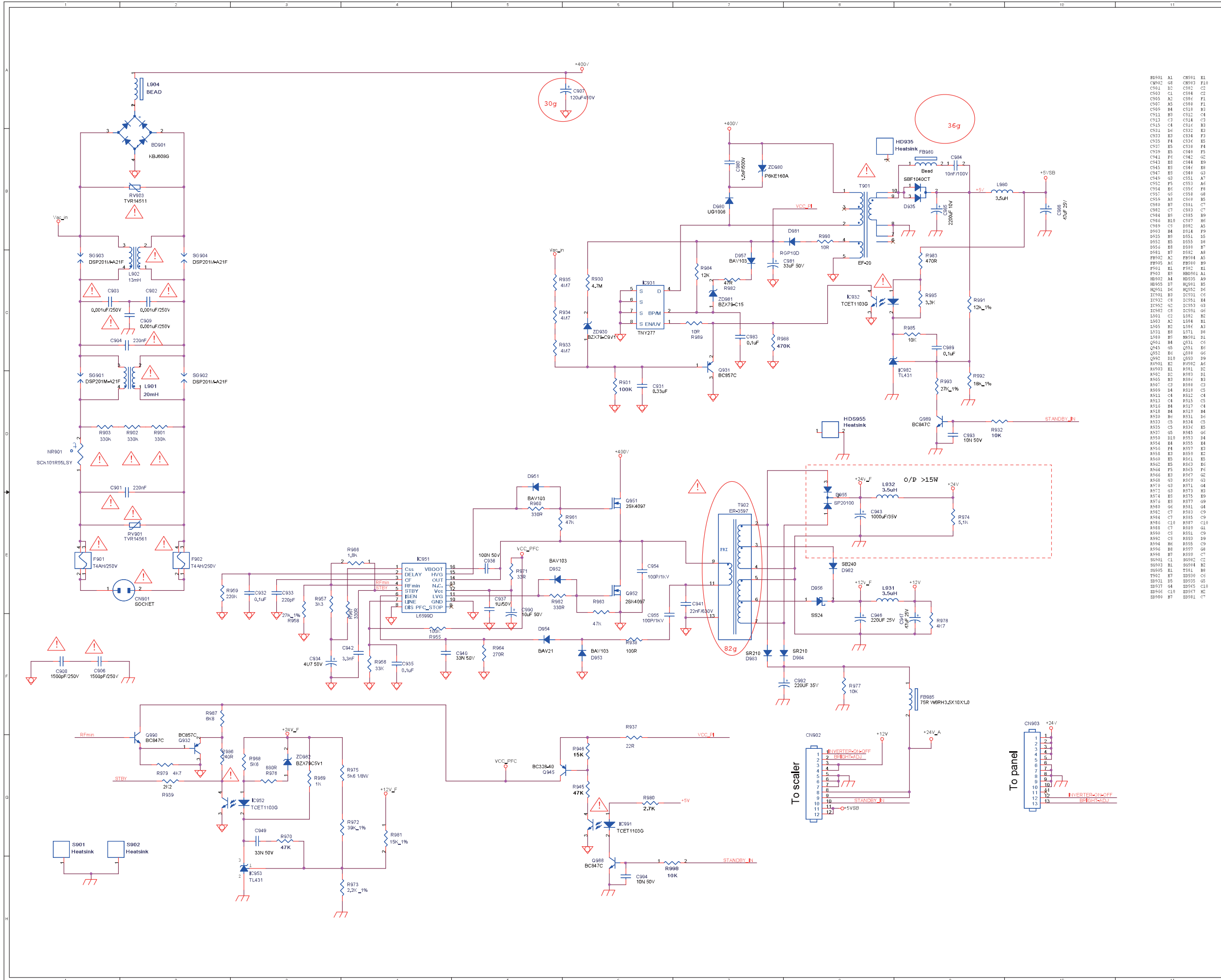




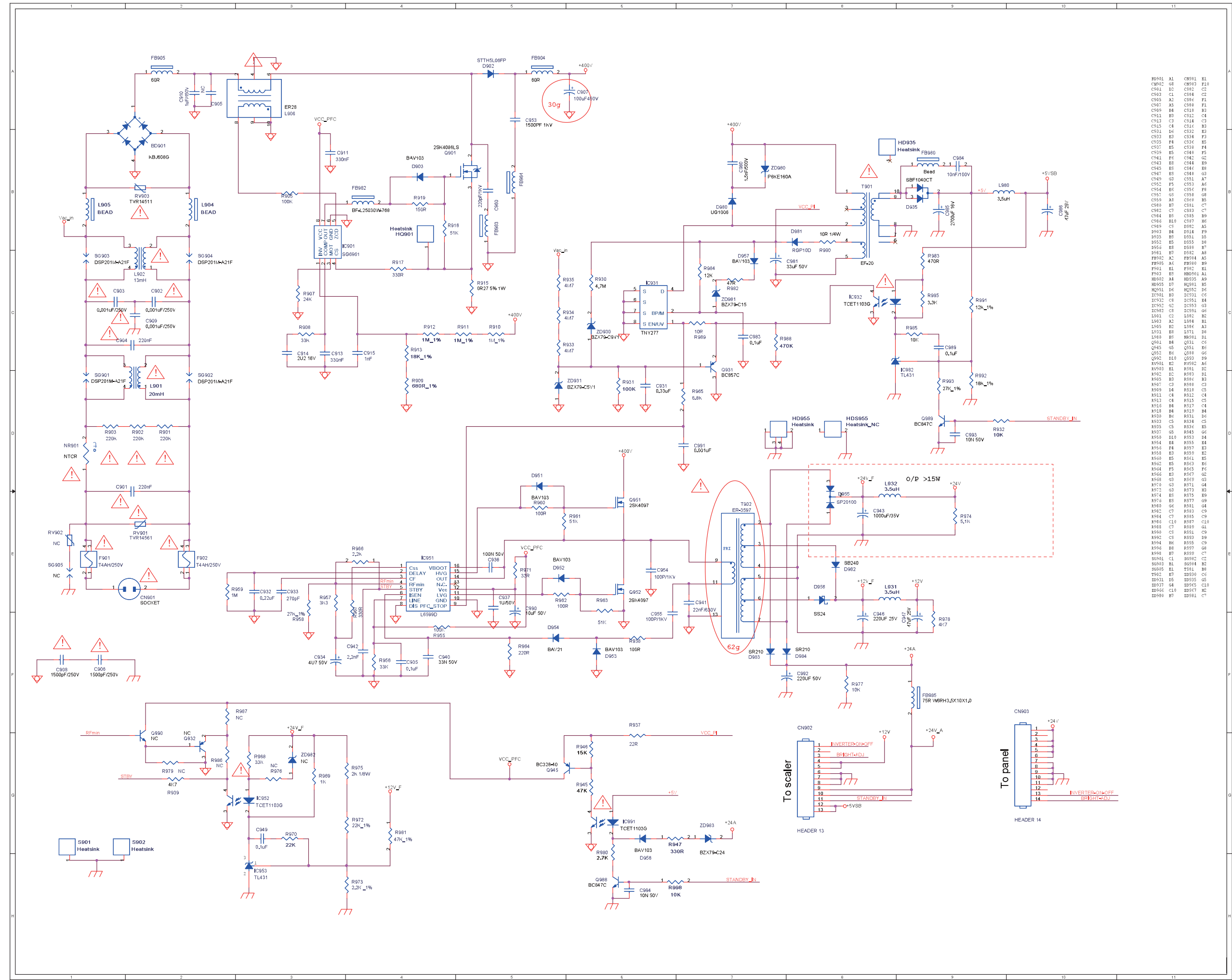
BL CONTROL	R408	R406	C405
PWM CONTROL	100R	1K	N/C
DC CONTROL	5K6	1K	10U

INVERTER ON/OFF	R410	R411
3V3	N/C	1K
5V	2K	N/C

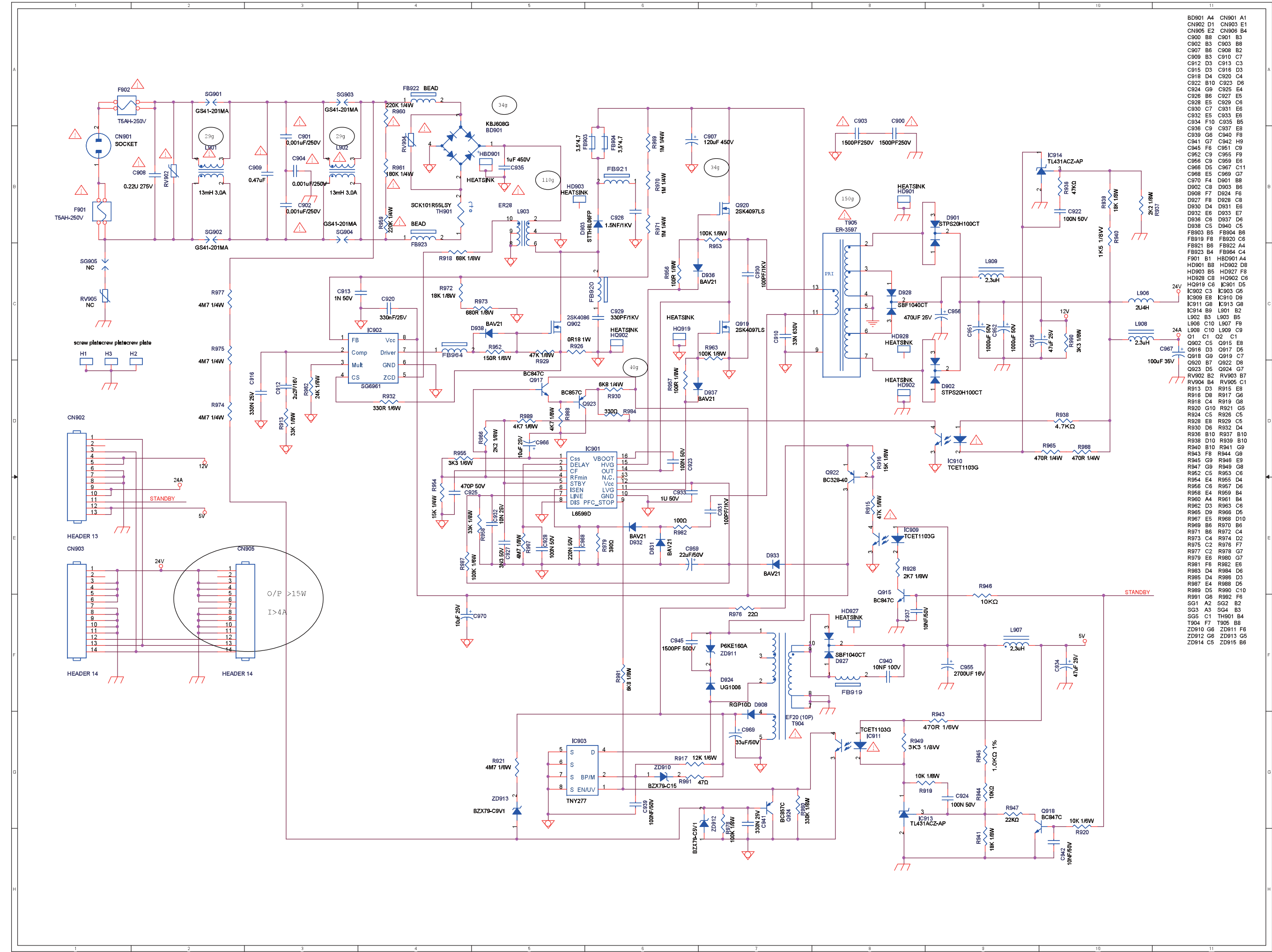


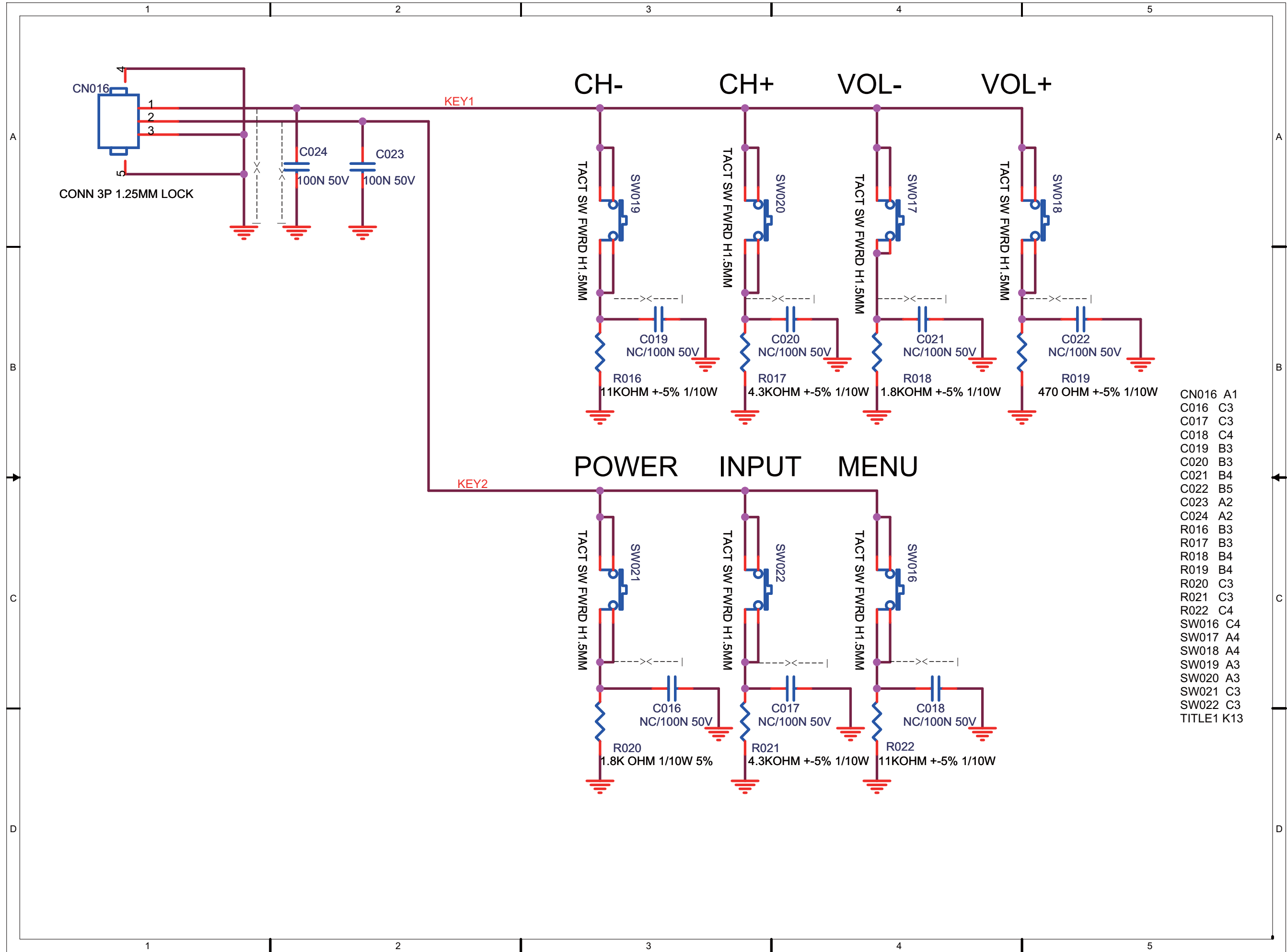


LC-26SH330, LC-32SH330, LC-42SH330
32" POWER SCHEMATIC DIAGRAM

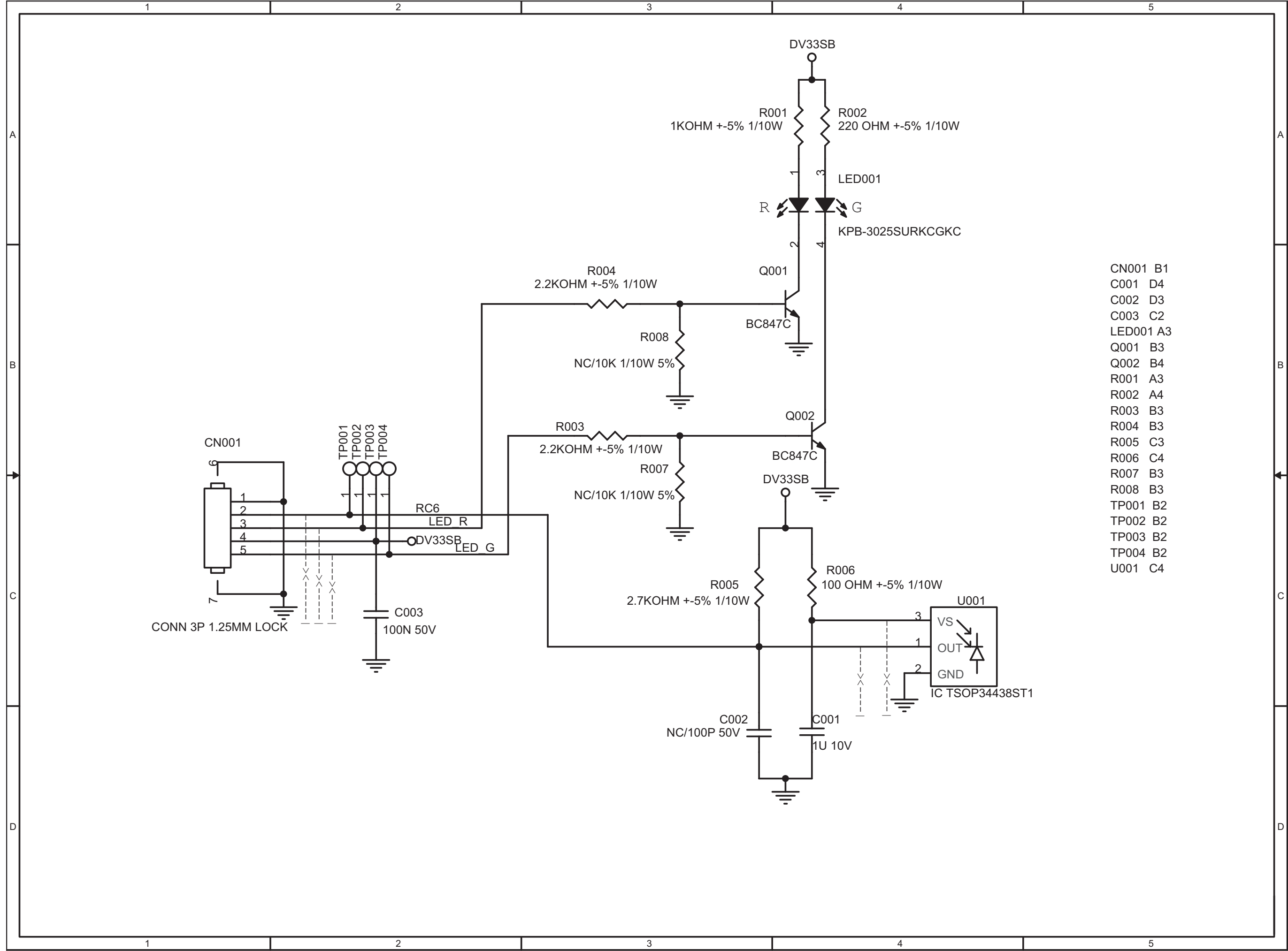


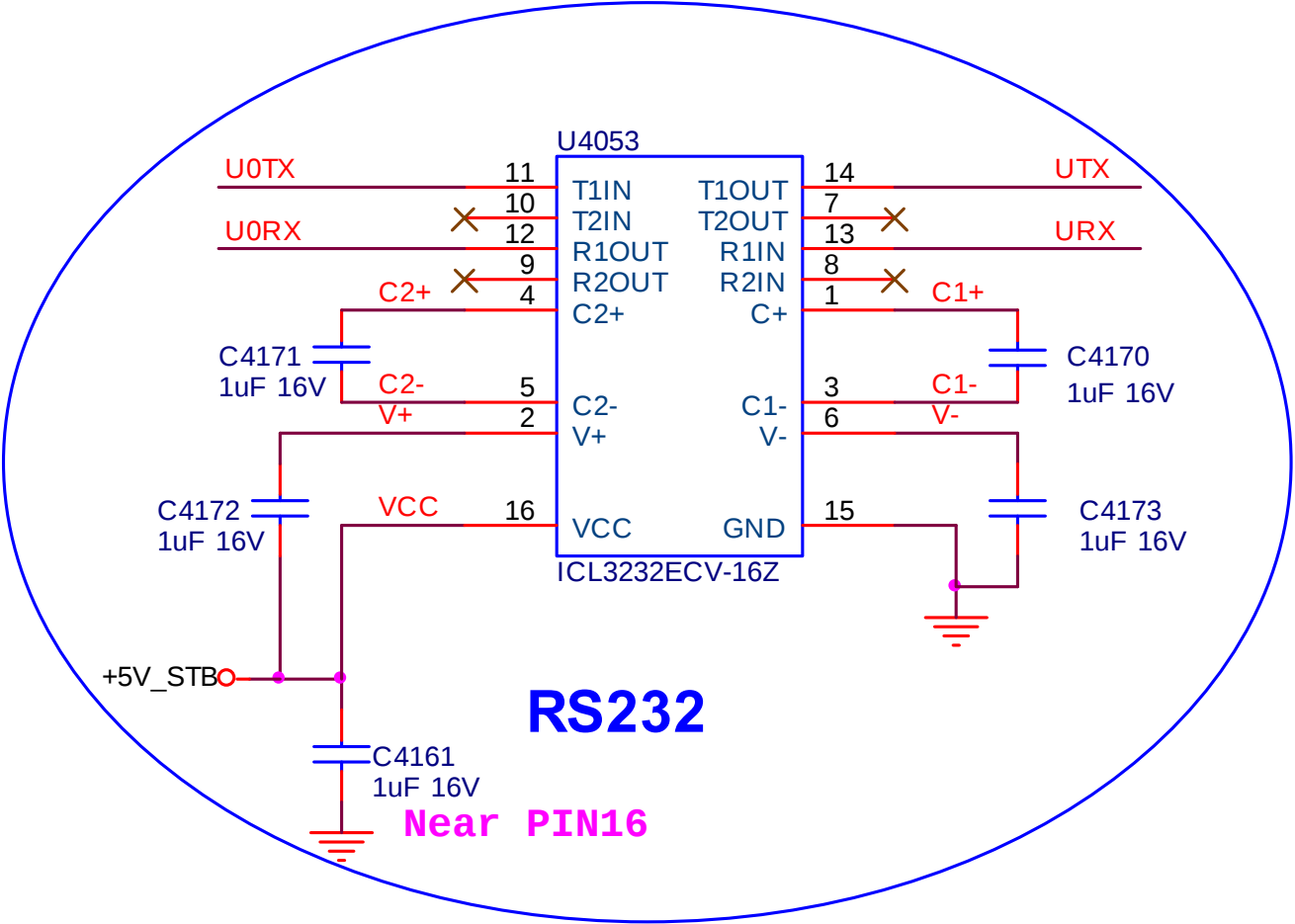
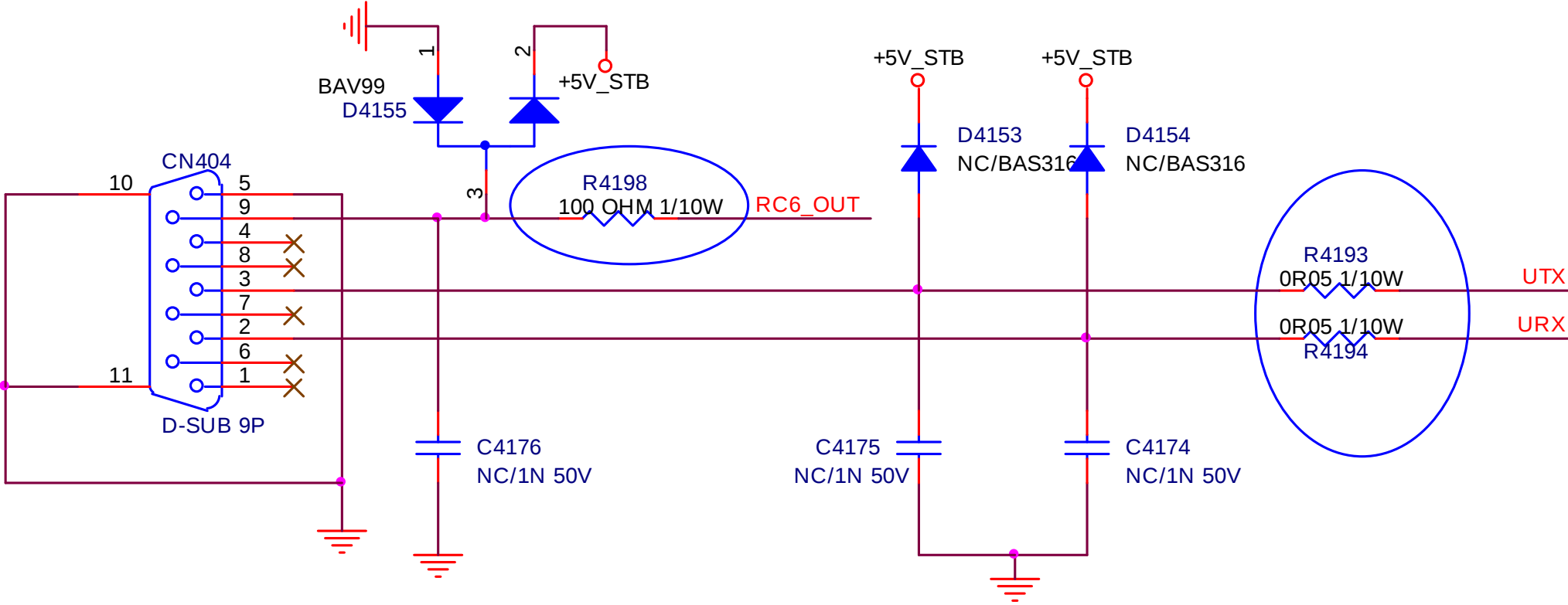
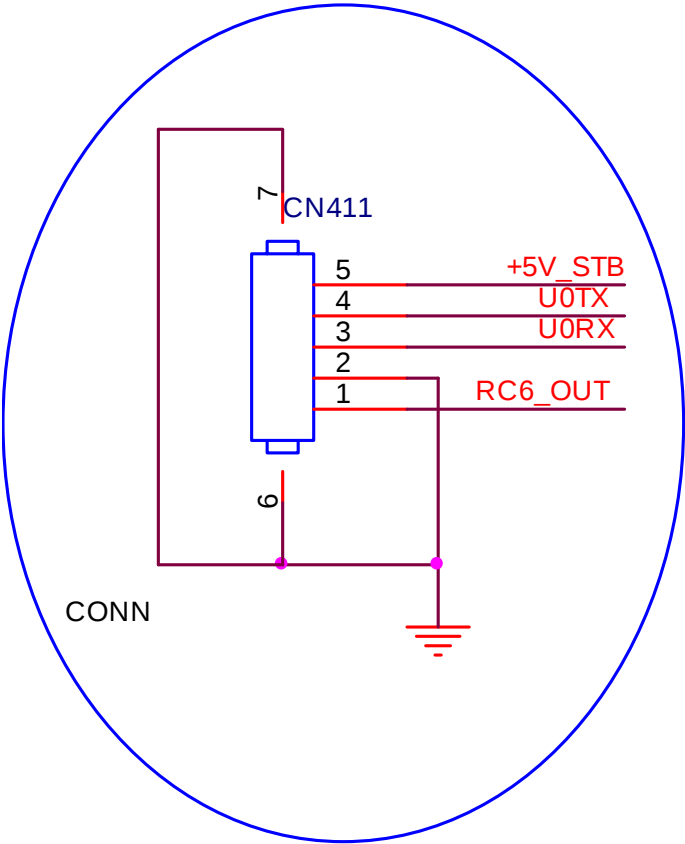
42" POWER SCHEMATIC DIAGRAM





[4] 26" /32" /42" IR SCHEMATIC DIAGRAM





CHAPTER 9. PARTS GUIDE

[1] SPARE PARTS LIST

Model: LC-26SH330E-BK(AUO)(E26AA2NBGWXHNS)				
Item	TPV Code Number	SHARP 13NC	Description	Quantity
21	705TZA34617	9JR7050000432	BASE NECK ASSY	1
22	P01T0006 1	9JR0100000028	SCREW (PH+W6#x15 HI-LO W=13)	4
23	0G1T1030 10 47 CR3	9JR0100000024	SCREW 3x10	1
30	705TZA34070	9JR7050000214	BEZEL ASSY	1
40	705TZA34639	9JR7050000475	REAR COVER ASSY	1
50	705GZ934144	9JR7050000069	STAND ASSY	1
63	0Q1G 130 8120	9JR0100000050	SCREW 3x8	2
75	0M1G1140 6120	9JR0100000046	screw	10
76	0M1G1730 8106 CR3	9JR0100000048	SCREW M3X8	10
80	705TZB15008	9JR7050000484	BRACKET_SIDE_IO_ASSY	1
97	0M1G 340 6 47 CR3	9JR0100000030	SCREW	1
98	0M1T 940 20 47 CR3	9JR0100000083	SCREW	2
99	0Q1T 330 8 47 CR3	9JR0100000070	SCREW	3
100	0M1G 330 6 47 CR3	9JR0100000025	SCREW 42-D005390	1
111	P01G0023 1	9JR0100000051	SCREW(K40x16L-Head Dia.7mm)	14
126	Z40G 32084338A	9JR4000000286	Rating label	1
130	Z40G0001843A9A	9JR4000000288	Carton label	1
135	705TZA41C9A	9JR7050000459	DFU ASSY(Western & Eastern Europe)	1
136	705TZA41D1A	9JR7050000460	DFU ASSY(North Europe)	1
450	Z44GE036001	9JR4400000141	CARTON	1
451	P44GE015101	9JR4400000029	CUSHION_TL	1
452	P44GE015201	9JR4400000030	CUSHION_TR	1
453	P44GE015301	9JR4400000031	CUSHION_BL	1
454	P44GE015401	9JR4400000032	CUSHION_BR	1
455	P45T 46025	9JR4500000007	PE BAG(800X650-0.72mm)	1
503	P40TD000813 9A	9JR4000000005	family sheet	1
506	P40TD00081311A	9JR4000000006	FAMILY SHEET	1
1050	750TAU260W4712N000	9JR7500000060	LCD T260XW04 V700 SZ AUO	1
1056	IRPFAZAJ	9JR9900000159	IR PCB ASSY	1
1057	KEPF9PA9	9JR9900000040	KEY PCB ASSY	1
1172	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B	1
1176	098GRABD2NESPJ	9JR9800000005	REMOTE SHARP RC-SHARP-420	1
1185	078G050AA02 M	9JR7800000051	SPEAKER 16R 5W 135*41 450+400 P351017g	1
8391	095G801413XA25	9JR9500000222	HARNESS 13P-5P+3P 250+580 S-LCDXXTW8994	1
8751	095G176J30NA02	9JR9500000221	FFC CABLE 30P 410 1.0	1
	705GZ934236	9JR7050000118	KEY PAD ASSY	1
	Z40G000161508B	9JR4000000291	DivX_HD LABEL	1
1053	CBPFA4ABZQ	9JR9900000162	MAIN PCB ASSY(LG TUNER)	1
C1000	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C1001	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1003	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1005	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C1006	065G060327031J A	9JR6500000355	CAP CHIP 0603 27PF J 50V NPO	1
C1009	065G040210232K A	9JR6500000390	CAP 0402 1NF 10% 50V X7R	1
C1012	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1013	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1014	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1015	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1016	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1017	065G040239031J A	9JR6500000415	CAP CHIP 0402 39PF J 50V NPO	1
C1018	065G040233031J A	9JR6500000414	CAP 0402 33PF 5% 50V NPO	1
C1019	065G040233031J A	9JR6500000414	CAP 0402 33PF 5% 50V NPO	1
C1020	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C1021	065G040222031J A	9JR6500000412	CAP 0402 22PF J 50V NPO	1
C1022	065G040233031J A	9JR6500000414	CAP 0402 33PF 5% 50V NPO	1
C1023	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1024	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1031	065G040210131J A	9JR6500000409	CAP CHIP 0402 100PF J 50V NPO	1

LC-26SH330, LC-32SH330, LC-42SH330

C1033	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1034	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1035	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1036	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1037	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1038	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1039	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1040	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1041	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1048	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1049	065G060310031J A	9JR6500000343	CAP 0603 10PF J 50V NP0	1
C1053	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1054	065G040215031J A	9JR6500000411	CAP 0402 15PF 5% 50V NP0	1
C1055	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1056	065G040215031J A	9JR6500000411	CAP 0402 15PF 5% 50V NP0	1
C1057	065G040215031J A	9JR6500000411	CAP 0402 15PF 5% 50V NP0	1
C1058	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1059	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1060	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1064	065G040247031J A	9JR6500000393	CAP 0402 47PF 5% 50V NP0	1
C1065	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1068	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1069	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1070	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1071	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1072	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1073	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1074	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1077	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1078	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1079	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1082	065G040247031J A	9JR6500000393	CAP 0402 47PF 5% 50V NP0	1
C1083	065G040247031J A	9JR6500000393	CAP 0402 47PF 5% 50V NP0	1
C1085	065G040247031J A	9JR6500000393	CAP 0402 47PF 5% 50V NP0	1
C1086	065G040247031J A	9JR6500000393	CAP 0402 47PF 5% 50V NP0	1
C1088	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1089	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1090	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1091	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C1092	065G040210131J A	9JR6500000409	CAP CHIP 0402 100PF J 50V NPO	1
C1093	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C1094	065G060310131J A	9JR6500000344	CAP CHIP 0603 100PF J 50V NPO SAMSUNG	1
C1095	065G120610625K T	9JR6500000428	CAP CHIP 1206 10uF K 25V X5R	1
C1096	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C1097	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C1098	065G080547517Z Y	9JR6500000426	CAP CHIP 0805 4U7 16V Y5V Z	1
C1099	065G040210131J A	9JR6500000409	CAP CHIP 0402 100PF J 50V NPO	1
C1100	065G060310131J A	9JR6500000344	CAP CHIP 0603 100PF J 50V NPO SAMSUNG	1
C1101	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C1102	065G060382131J A	9JR6500000423	CAP CHIP 0603 820PF J 50V NPO	1
C1103	065G060382131J A	9JR6500000423	CAP CHIP 0603 820PF J 50V NPO	1
C1105	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1106	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1152	065G0402105A5K T	9JR6500000410	CAP 0402 1UF 10% 10V X5R	1
C1153	065G040215232K A	9JR6500000392	CAP 0402 1.5NF 10% 50V X7R	1
C1154	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1155	065G060350931J A	9JR6500000422	MLCC 0603 5pF 50V NPO +-5% SAMSUNG	1
C1156	065G040215031J A	9JR6500000411	CAP 0402 15PF 5% 50V NP0	1
C1157	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1158	065G060350931J A	9JR6500000422	MLCC 0603 5pF 50V NPO +-5% SAMSUNG	1
C1159	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1160	065G040215031J A	9JR6500000411	CAP 0402 15PF 5% 50V NP0	1
C1161	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1162	065G040215031J A	9JR6500000411	CAP 0402 15PF 5% 50V NP0	1
C1163	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1164	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1165	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1

C1167	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1168	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1170	065G040250931J A	9JR6500000395	CAP 0402 5PF J 50 NPO	1
C1171	065G040250931J A	9JR6500000395	CAP 0402 5PF J 50 NPO	1
C1172	065G040250931J A	9JR6500000395	CAP 0402 5PF J 50 NPO	1
C1173	065G040215232K A	9JR6500000392	CAP 0402 1.5NF 10% 50V X7R	1
C1174	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1175	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1176	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1178	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1179	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1180	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1181	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1183	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C1185	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1187	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1188	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1191	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1192	065G040247031J A	9JR6500000393	CAP 0402 47PF 5% 50V NP0	1
C1193	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C1194	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C4000	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4001	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4002	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4003	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4004	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4005	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4006	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4007	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4008	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4009	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4010	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4011	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4012	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4013	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4014	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4015	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4016	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C402	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C404	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4050	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4051	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4052	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4053	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4054	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4055	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4056	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4057	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4058	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4059	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C406	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4060	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4061	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4062	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C4063	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V 6.3*7	1
C4064	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4067	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C4068	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C4069	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C407	067G215H151 4C	9JR6700000218	EC 150UF 20% 25V SY 8*7	1
C4100	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4101	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4102	067G 3111013LT	9JR6700000213	EC SMD 100UF 20% 16V 6.3*5.7	1
C4103	067G 3111013LT	9JR6700000213	EC SMD 100UF 20% 16V 6.3*5.7	1
C4104	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4105	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

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C4106	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4107	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4108	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4109	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4110	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4111	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C4112	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4113	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4114	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4115	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4116	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C4117	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4118	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4119	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4120	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4121	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4122	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4123	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4124	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4125	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4126	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4127	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4128	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4129	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4130	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C4150	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C4151	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C4152	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4154	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4155	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C4156	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4157	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C4158	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C4159	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C4160	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C4161	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C4163	065G040210031J A	9JR6500000408	CAP 0402 10PF 5% 50V NP0	1
C4164	065G040210031J A	9JR6500000408	CAP 0402 10PF 5% 50V NP0	1
C4165	065G040210232K A	9JR6500000390	CAP 0402 1NF 10% 50V X7R	1
C4166	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4167	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4168	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C4169	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4170	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C4171	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C4172	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C4173	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C4174	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C4201	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4202	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C4203	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4204	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4207	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C503	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C504	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C505	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C506	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C507	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C510	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C511	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C516	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C517	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C601	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C602	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C603	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C604	067G 3112213LT	9JR6700000222	EC SMD 220UF 20% 16V 6.3*7.7	1
C605	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1

C606	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C608	065G0603225A5K T	9JR6500000419	CAP 0603 2.2UF 10% 10V X5R	1
C609	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C610	065G0603225A5K T	9JR6500000419	CAP 0603 2.2UF 10% 10V X5R	1
C611	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C613	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C614	065G040210232K A	9JR6500000390	CAP 0402 1NF 10% 50V X7R	1
C615	065G080510522K Y	9JR6500000170	CAP CHIP 0805 1U 25V X7R +/-10%	1
C616	065G060310522K T	9JR6500000399	CAP CHIP 0603 1uF K 25V X7R	1
C617	065G060310522K T	9JR6500000399	CAP CHIP 0603 1uF K 25V X7R	1
C618	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C619	065G040210232K A	9JR6500000390	CAP 0402 1NF 10% 50V X7R	1
C620	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C621	065G060347412K A	9JR6500000420	CAP 0603 470NF 10% 16V X7R	1
C622	065G060347412K A	9JR6500000420	CAP 0603 470NF 10% 16V X7R	1
C623	065G060347412K A	9JR6500000420	CAP 0603 470NF 10% 16V X7R	1
C624	065G060347412K A	9JR6500000420	CAP 0603 470NF 10% 16V X7R	1
C625	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C626	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C627	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C628	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C629	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C630	065G060322422K A	9JR6500000418	MLCC 0603 220nF 25V X7R +/-10% SAMSUNG	1
C631	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C632	065G040210232K A	9JR6500000390	CAP 0402 1NF 10% 50V X7R	1
C633	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C634	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C636	065G040210232K A	9JR6500000390	CAP 0402 1NF 10% 50V X7R	1
C638	065G040210232K A	9JR6500000390	CAP 0402 1NF 10% 50V X7R	1
C641	065G040210232K A	9JR6500000390	CAP 0402 1NF 10% 50V X7R	1
C642	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C643	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C644	065G040222232K A	9JR6500000413	CAP 0402 2.2NF 10% 50V X7R	1
C645	065G040222232K A	9JR6500000413	CAP 0402 2.2NF 10% 50V X7R	1
C646	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C647	065G040210332K A	9JR6500000341	CAP 0402 10NF 10% 50V X7R	1
C702	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C705	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C706	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C707	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C708	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C709	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C711	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C712	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C713	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C714	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C715	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C716	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C717	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C718	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C719	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C720	065G060356131J A	9JR6500000360	CAP CHIP 0603 560PF J 50V NPO	1
C721	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C722	065G060356131J A	9JR6500000360	CAP CHIP 0603 560PF J 50V NPO	1
C723	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C724	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C725	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C726	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C727	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C728	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C729	065G120610612K T	9JR6500000427	CAP 1206 10UF 10% 16V X7R	1
C730	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C731	065G060310522K T	9JR6500000399	CAP CHIP 0603 1uF K 25V X7R	1
C732	065G120610625K T	9JR6500000428	CAP CHIP 1206 10uF K 25V X5R	1
C733	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C734	067G215H101 4C	9JR6700000217	EC 100UF 20% 25V SY 8*7	1

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C735	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C752	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V 6.3*7	1
C753	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V 6.3*7	1
C754	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C755	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C756	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C758	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C764	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C765	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C766	065G060310512K T	9JR6500000253	CAP 0603 1UF 10% 16V X7R	1
C767	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C768	065G080510615K T	9JR6500000406	CHIP 10uF 16V X5R 0805	1
C769	065G0805106A5K T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
CN101	088G353A15FCSL	9JR8800000115	D-SUB CONN V/T 15P BLUE -	1
CN102	088G 302 69 YG	9JR8800000099	PHONE JACK V/T 3P GREEN H=10.5	1
CN103	088G 352 14 YG	9JR8800000102	USB CONN A TYPE SPRING	1
CN111	088G 7813C 60 YG	9JR8800000097	RCA JACK V/T 6P G/BL/R 1*3 10.5mm	1
CN116	088G 7813B78C	9JR8800000096	RCA JACK 1*3 W/R/B V/T	1
CN136	088G 7813C75C	9JR8800000098	RCA JACK R/A Y/W/R 1*3 H=12	1
CN140	088G 78 13 78 YG	9JR8800000095	RCA JACK V/T 6P Y/W/R 1*3	1
CN151	088G 35521G C	9JR8800000104	SCART CONN. 21P V/T 10.5mm	1
CN159	088G 50019A VA	9JR8800000105	PCMICA CARD R/A 68P BLACK H=9.4	1
CN401	033G380213B Y	9JR3300000073	WAFER 2.0mm 13P V/T 27.95mm 5.1mm	1
CN404	088G 353 9MCLS	9JR8800000119	D-SUB CONN SCREWED 9P 10.5mm V/T	1
CN409	033G801930F G JS	9JR3300000054	FPC/FFC CONN 1.0mm 30P 1.0S-19-30P-G	1
CN502	088G 34019H VD	9JR8800000100	HDMI HEADER 19P V/T H:13.0mm	1
CN506	088G 34019KA1V	9JR8800000113	HDMI HEADER R/A 19P BLACK H=8.4	1
CN601	033G3278 4D	9JR3300000076	2.5mm Pitch Wafer	1
CN602	088G 30211K	9JR8800000058	PHONE JACK 7PIN	1
CN701	033G327813D	9JR3300000077	CONNECTOR	1
D1050	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1051	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1052	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1054	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1056	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1057	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1060	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1061	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1063	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1064	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1150	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1151	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1152	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1153	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1154	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1155	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1156	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1157	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1158	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1159	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1160	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1161	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1166	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1167	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1170	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1171	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1172	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1173	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D4050	093G 6433S	9JR9300000062	switching diode BAV99	1
D4051	093G 6433S	9JR9300000062	switching diode BAV99	1
D4151	093G 6433S	9JR9300000062	switching diode BAV99	1
D4152	093G 6433S	9JR9300000062	switching diode BAV99	1
D4155	093G 6433S	9JR9300000062	switching diode BAV99	1
D501	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D502	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D506	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D507	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1

D508	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D509	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D510	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D603	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D604	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D606	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D607	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D608	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D702	093G 60S922 T	9JR9300000167	DIODE FB340M DO-222AA	1
D703	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D704	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
FB1000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1002	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1003	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1004	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1005	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1006	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB1007	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1009	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1011	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1012	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1013	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1014	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1017	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1018	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1020	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1021	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1022	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1023	071G 59C600 TA	9JR7100000044	CHIP BEAD 60ohm 600mA FCM1608CF-600T06	1
FB1024	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1025	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1052	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1053	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1054	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1158	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1159	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1160	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1161	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1162	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1163	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1164	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1165	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1167	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1168	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB402	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB403	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB4057	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4058	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4060	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB4100	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4151	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4152	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4200	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB501	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB503	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB601	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB605	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB606	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB701	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB702	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB704	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB705	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB706	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB707	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB751	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1

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L1000	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1001	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1002	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1003	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1050	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1051	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L401	073G253S901 TA	9JR7300000097	COMMON FILTER CHOKE 90R 20% 0.4A	1
L402	073G253S901 TA	9JR7300000097	COMMON FILTER CHOKE 90R 20% 0.4A	1
L4150	073G 63828 TA	9JR7300000057	CHIP INDUCTOR 0603 0.82uH 10%	1
L601	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L602	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L603	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L604	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L701	073G253SA46 T	9JR7300000098	SMD INDUCTOR 4.7uH+/-20% 26.6mohm 2.8A	1
L702	073G253SA46 T	9JR7300000098	SMD INDUCTOR 4.7uH+/-20% 26.6mohm 2.8A	1
Q1050	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1051	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1150	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q1151	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1152	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1155	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1156	057G 759 2	9JR5700000055	RK7002FD5T116 SOT-23 BY ROHM	1
Q1157	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q401	057G 417511	9JR5700000001	MMBT3904	1
Q402	057G 417511	9JR5700000001	MMBT3904	1
Q502	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q504	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q505	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q506	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q507	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q508	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q601	057G 477904 T	9JR5700000053	TRA BC847BW 100mA/45V SOT-323	1
Q602	057G 761902 T	9JR5700000059	TRA BC857BW 100mA/50V SOT-323	1
Q605	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q701	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q702	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q703	057G 763913	9JR5700000065	MOSFET AO6415 TSOP6	1
Q704	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q705	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q706	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q707	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q750	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q751	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
R1002	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1003	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1004	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1005	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1006	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1007	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1008	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1010	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1011	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R1012	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R1013	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1017	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1018	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1019	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R1021	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1025	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1031	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1032	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1033	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1038	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1039	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1041	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1042	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1043	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1

R1044	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1045	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1046	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1047	061G0402510 JT	9JR6100000981	RST CHIP R 51ohm 1/16W +/-5% TZAI YUAN	1
R1048	061G0402510 JT	9JR6100000981	RST CHIP R 51ohm 1/16W +/-5% TZAI YUAN	1
R1049	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1050	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1051	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1052	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1060	061G0402750 JT	9JR6100000618	RST 0402 75R 5% 1/16W	1
R1061	061G0402750 JT	9JR6100000618	RST 0402 75R 5% 1/16W	1
R1062	061G0402750 JT	9JR6100000618	RST 0402 75R 5% 1/16W	1
R1063	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1064	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1065	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1067	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1071	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1072	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1073	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1078	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1079	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1080	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1081	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1082	061G06031002FT	9JR6100000680	RST CHIP 10K 1/10W 1%	1
R1083	061G0603102 JT	9JR6100000623	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R1084	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R1085	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1086	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1087	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R1088	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1089	061G0603102 JT	9JR6100000623	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R1099	061G0402750 JT	9JR6100000618	RST 0402 75R 5% 1/16W	1
R1100	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1101	061G0402750 JT	9JR6100000618	RST 0402 75R 5% 1/16W	1
R1102	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1103	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1104	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1105	061G0603363 JT	9JR6100000888	RST CHIPR 36K OHM +/-5% 1/10W TZAI YUAN	1
R1106	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1107	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1108	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1109	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1110	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R1111	061G0603363 JT	9JR6100000888	RST CHIPR 36K OHM +/-5% 1/10W TZAI YUAN	1
R1112	061G0603363 JT	9JR6100000888	RST CHIPR 36K OHM +/-5% 1/10W TZAI YUAN	1
R1113	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1114	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1115	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1116	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R1117	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1118	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1119	061G0603363 JT	9JR6100000888	RST CHIPR 36K OHM +/-5% 1/10W TZAI YUAN	1
R1121	061G06031002FT	9JR6100000680	RST CHIP 10K 1/10W 1%	1
R1122	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1126	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1127	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1129	061G0603750 JT	9JR6100000644	RST CHIP 75R 1/10W 5% TZAI YUAN	1
R1131	061G0402513 JT	9JR6100000882	RST CHIP 51K 1/16W 5% TZAI YUAN	1
R1133	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1134	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1135	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1137	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1138	061G0402750 JT	9JR6100000618	RST 0402 75R 5% 1/16W	1
R1150	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1151	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1152	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1

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R1153	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1154	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1155	061G0402303 JT	9JR6100000878	RST CHIP R 30Kohm 1/16W +/-5% TZAI YUAN	1
R1156	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1157	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1158	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1159	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1160	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1161	061G04025609FT	9JR6100000344	RST CHIP 56R 1/16W 1%	1
R1162	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1163	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1164	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1165	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1166	061G04025609FT	9JR6100000344	RST CHIP 56R 1/16W 1%	1
R1167	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R1168	061G0402180 JT	9JR6100000605	RST CHIP 18R 1/16W 5% TZAI YUAN	1
R1169	061G04025609FT	9JR6100000344	RST CHIP 56R 1/16W 1%	1
R1170	061G0402180 JT	9JR6100000605	RST CHIP 18R 1/16W 5% TZAI YUAN	1
R1171	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1172	061G0402180 JT	9JR6100000605	RST CHIP 18R 1/16W 5% TZAI YUAN	1
R1173	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1174	061G0402750 JT	9JR6100000618	RST 0402 75R 5% 1/16W	1
R1175	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1176	061G0402750 JT	9JR6100000618	RST 0402 75R 5% 1/16W	1
R1177	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1178	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1179	061G0402750 JT	9JR6100000618	RST 0402 75R 5% 1/16W	1
R1180	061G0402680 JT	9JR6100000617	RST CHIP 68R 1/16W 5% TZAI YUAN	1
R1181	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1182	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R1183	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R1184	061G0603152 JT	9JR6100000884	RST CHIP 1K5 1/10W 5% TZAI YUAN	1
R1185	061G0603152 JT	9JR6100000884	RST CHIP 1K5 1/10W 5% TZAI YUAN	1
R1186	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1187	061G0603750 JT	9JR6100000644	RST CHIP 75R 1/10W 5% TZAI YUAN	1
R1188	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R1189	061G06032400FT	9JR6100000885	RST CHIP 240R 1/10W 1%	1
R1190	061G0402750 JT	9JR6100000618	RST 0402 75R 5% 1/16W	1
R1191	061G0402750 JT	9JR6100000618	RST 0402 75R 5% 1/16W	1
R1192	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1193	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1194	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R1195	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R1196	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1197	061G0603750 JT	9JR6100000644	RST CHIP 75R 1/10W 5% TZAI YUAN	1
R1198	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R1199	061G0402750 JT	9JR6100000618	RST 0402 75R 5% 1/16W	1
R1200	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1201	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1202	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1203	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R1204	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1205	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R1206	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R1207	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R1208	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R1209	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R4000	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4001	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4003	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4004	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4005	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4006	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4050	061G06035600FT	9JR6100000892	RST CHIP 560R 1/10W 1%	1
R4051	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R4052	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R4056	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1

R4057	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4058	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4059	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R406	061G0603102 JT	9JR6100000623	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R4060	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4061	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4062	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4063	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R407	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R408	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R409	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R4100	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4101	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4102	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4103	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4104	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4105	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4106	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R4107	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R4108	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R4109	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R411	061G0603202 JT	9JR6100000694	RST 0603 2K 5% 1/10W	1
R4110	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4111	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4112	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R413	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R414	061G0805103 JT	9JR6100000895	RST 0805 10K 5% 1/8W	1
R4151	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4152	061G0603109 JT	9JR6100000627	RST CHIP 1R 1/10W 5% TZAI YUAN	1
R4153	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R4154	061G06036801FT	9JR6100000495	RST CHIP 6K8 1/10W 1%	1
R4156	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4157	061G0603101 JI	9JR6100000849	RST 0603 100R 5% 1/10W TA-I	1
R4158	061G0402331 JT	9JR6100000612	RST CHIP 330R 1/16W 5% TZAI YUAN	1
R4159	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R4160	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4161	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R4162	061G0603163 JT	9JR6100000630	RST CHIP 16K 1/10W 5% TZAI YUAN	1
R4163	061G0603163 JT	9JR6100000630	RST CHIP 16K 1/10W 5% TZAI YUAN	1
R4164	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4165	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R4166	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4167	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4168	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4169	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4170	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4171	061G04023901FT	9JR6100000879	RST 0402 3.9K 1% 1/16W TZAI YUAN	1
R4172	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R4173	061G04023901FT	9JR6100000879	RST 0402 3.9K 1% 1/16W TZAI YUAN	1
R4174	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4175	061G06031000FT	9JR6100000002	RST CHIP 100R 1/10W 1%	1
R4176	061G0402330 JT	9JR6100000611	RST CHIP 33R 1/16W 5% TZAI YUAN	1
R4177	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R4179	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R418	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4180	061G0402104 JT	9JR6100000603	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R4181	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R4182	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4183	061G0603331 JT	9JR6100000637	RST CHIPR 330OHM 1/10W TZAI YUAN	1
R4184	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4185	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4186	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4187	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4188	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4189	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R419	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1

LC-26SH330, LC-32SH330, LC-42SH330

R4190	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4191	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4192	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R4193	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4194	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4195	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4196	061G0402471 JT	9JR6100000880	RST CHIP 470R 1/16W 5% TZAI YUAN	1
R4197	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4198	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4199	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R420	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R4200	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R4201	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R4202	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4203	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4204	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4205	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4206	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4207	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4208	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4209	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4210	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4211	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4212	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4213	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4214	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4215	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4216	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4217	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4218	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4219	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4220	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4221	061G0402220 JT	9JR6100000607	RST CHIP 22R 1/16W 5% TZAI YUAN	1
R4222	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4223	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4224	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4225	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4226	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4227	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R4229	061G0603470 JT	9JR6100000889	RST CHIP 47R 1/10W 5% TZAI YUAN	1
R4230	061G0603470 JT	9JR6100000889	RST CHIP 47R 1/10W 5% TZAI YUAN	1
R4231	061G0603104 JT	9JR6100000625	RST CHIP 100K 1/10W 5% TZAI YUAN	1
R4232	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R4233	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R501	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R502	061G0402273 JT	9JR6100000610	RST CHIP 27K 1/16W 5% TZAI YUAN	1
R504	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R518	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R519	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R520	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R521	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R522	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R524	061G0402330 JT	9JR6100000611	RST CHIP 33R 1/16W 5% TZAI YUAN	1
R525	061G0402474 JT	9JR6100000881	RST CHIP 470K 1/16W 5% TZAI YUAN	1
R526	061G0603102 JT	9JR6100000623	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R527	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R528	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R529	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R530	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R531	061G0402474 JT	9JR6100000881	RST CHIP 470K 1/16W 5% TZAI YUAN	1
R532	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R533	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R534	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R535	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R536	061G0603473 JT	9JR6100000642	RST CHIP 47K 1/10W 5% TZAI YUAN	1
R537	061G0603473 JT	9JR6100000642	RST CHIP 47K 1/10W 5% TZAI YUAN	1
R538	061G0603330 JT	9JR6100000636	RST CHIP 33R 1/10W 5% TZAI YUAN	1

R539	061G0603472 JT	9JR6100000641	RST CHIP 4K7 1/10W 5% TZAI YUAN	1
R540	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R541	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R562	061G06035101FT	9JR6100000490	RST CHIP 5K1 1/10W 1%	1
R565	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R566	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R567	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R601	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R604	061G0402223 JT	9JR6100000609	RST CHIP 22K 1/16W 5% TZAI YUAN	1
R605	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R606	061G0402104 JT	9JR6100000603	RST CHIP 100K 1/16W 5% TZAI YUAN	1
R607	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R608	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R609	061G0603100 JT	9JR6100000621	RST CHIP 10R 1/10W 5% TZAI YUAN	1
R611	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R612	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R613	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R614	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R615	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R617	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R618	061G0603100 JT	9JR6100000621	RST CHIP 10R 1/10W 5% TZAI YUAN	1
R622	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R624	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R628	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R629	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R630	061G1206100 JT	9JR6100000370	RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN	1
R631	061G0402103 JY	9JR6100001175	RST CHIPR 10KOHM +-5% 1/16W YAGEO	1
R632	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R634	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R637	061G04021000FT	9JR6100000672	RST CHIP 100R 1/16W 1%	1
R638	061G04021000FT	9JR6100000672	RST CHIP 100R 1/16W 1%	1
R639	061G0402100 JT	9JR6100000875	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R640	061G0402100 JT	9JR6100000875	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R641	061G0402100 JT	9JR6100000875	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R642	061G0402100 JT	9JR6100000875	RST CHIP 10R 1/16W 5% TZAI YUAN	1
R643	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R644	061G0402000 JT	9JR6100000711	RST CHIPR MAX0R05 1/16W TZAI YUAN	1
R647	061G04024700FT	9JR6100000678	RST CHIP 470R 1/16W 1%	1
R648	061G04024700FT	9JR6100000678	RST CHIP 470R 1/16W 1%	1
R701	061G0603223 JT	9JR6100000635	RST CHIPR 22KOHM 1/10W TZAI YUAN	1
R702	061G0603333 JT	9JR6100000638	RST CHIP 33K 1/10W 5% TZAI YUAN	1
R704	061G0402101 JT	9JR6100000600	RST CHIP 100R 1/16W 5% TZAI YUAN	1
R705	061G0402272 JT	9JR6100000877	RST CHIP 2K7 1/16W 5% TZAI YUAN	1
R707	061G0402103 JT	9JR6100000602	RST CHIP 10K 1/16W 5% TZAI YUAN	1
R708	061G0603333 JT	9JR6100000638	RST CHIP 33K 1/10W 5% TZAI YUAN	1
R710	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R711	061G0603223 JT	9JR6100000635	RST CHIPR 22KOHM 1/10W TZAI YUAN	1
R712	061G0402102 JT	9JR6100000601	RST CHIP 1K 1/16W 5% TZAI YUAN	1
R714	061G0402472 JT	9JR6100000615	RST CHIP 4K7 1/16W 5% TZAI YUAN	1
R715	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R716	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R717	061G06031200FT	9JR6100000535	RST CHIP 120R 1/10W 1%	1
R718	061G06031001FT	9JR6100000458	RST CHIP 1K 1/10W 1%	1
R719	061G06031501FT	9JR6100000883	RST CHIP 1K5 1/10W 1%	1
R720	061G06033001FT	9JR6100000886	RST CHIP 3K 1/10W 1%	1
R721	061G06031002FT	9JR6100000680	RST CHIP 10K 1/10W 1%	1
R722	061G06031002FT	9JR6100000680	RST CHIP 10K 1/10W 1%	1
R723	061G06033002FT	9JR6100000887	RST CHIP 30K 1/10W 1%	1
R724	061G0402473 JT	9JR6100000616	RST CHIP 47K 1/16W 5% TZAI YUAN	1
R725	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R726	061G0603000 JT	9JR6100000620	RST CHIP MAX 0R05 1/10W TZAI YUAN	1
R727	061G12060004JY	9JR6100000896	RST CHIPR MAX0R05 4A 1/4W YAGEO	1
R728	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R730	061G0603752 JT	9JR6100000894	RST CHIP 7K5 1/10W 5% TZAI YUAN	1
R731	061G06035609FT	9JR6100000893	RST CHIP 56R 1/10W 1%	1
R733	061G06035101FT	9JR6100000490	RST CHIP 5K1 1/10W 1%	1

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R750	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R752	061G0603512 JT	9JR6100000891	RST 0603 5.1K 5% 1/10W	1
R753	061G12060004JY	9JR6100000896	RST CHIPR MAX0R05 4A 1/4W YAGEO	1
R755	061G0603103 JT	9JR6100000624	RST CHIP 10K 1/10W 5% TZAI YUAN	1
R756	061G06031200FT	9JR6100000535	RST CHIP 120R 1/10W 1%	1
R757	061G0603109 JT	9JR6100000627	RST CHIP 1R 1/10W 5% TZAI YUAN	1
R758	061G0603752 JT	9JR6100000894	RST CHIP 7K5 1/10W 5% TZAI YUAN	1
R759	061G06032002FT	9JR6100000855	RST CHIP 20K 1/10W 1%	1
R760	061G06032202FT	9JR6100000474	RST CHIP 22K 1/10W 1%	1
R761	061G06034701FT	9JR6100000890	RST CHIP 4K7 1/10W 1%	1
R762	061G06031200FT	9JR6100000535	RST CHIP 120R 1/10W 1%	1
R763	061G0603109 JT	9JR6100000627	RST CHIP 1R 1/10W 5% TZAI YUAN	1
RP1000	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1001	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1002	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1003	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP4100	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4101	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4102	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4103	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4104	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4105	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4106	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4107	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4108	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4109	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4110	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4111	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
TH4050	061G 56A050 WT	9JR6100000432	SMD PTC 0.5A KMC3S050RY 1206	1
TU101	094G DVB T12G	9JR9400000009	TUNER DVB-T With Analog TDTW-S810D(M)	1
U101	056G 575 14	9JR5600000174	IC Si2163 QFN-36	1
U102	056G4LVC 1G PH	9JR5600000214	IC 74LVC1G3157GW SC-88	1
U106	056G 616 35	9JR5600000177	IC NJM4580V-TE2 SSOP8	1
U107	056G 616 35	9JR5600000177	IC NJM4580V-TE2 SSOP8	1
U108	056G 133507	9JR5600000170	LDO AS78L12RTR-G1 0.1A 12V SOT-89	1
U110	056G1133152	9JR5600000181	NO-SUGGEST AT24C02B-TH-T 2K TSSOP-8	1
U401	056G 562355	9JR5600000192	SCALER MT5363LYYG BGA 27*27mm	1
U402	056G 615117	9JR5600000233	DRAM W9751G6JB-18 WBGA-84 512Mb	1
U403	056G 615117	9JR5600000233	DRAM W9751G6JB-18 WBGA-84 512Mb	1
U4051	705TZA56279	9JR7050000468	NAND Flash Assy (U4051)	1
U4053	056G 587 16	9JR5600000213	TRANSCEIVER MAX3232ECUE TSSOP-16	1
U409	705TZA56280	9JR7050000469	Serial IIC EEPROM Assy (U409)(AUO-LG)	1
U410	056G 643 49	9JR5600000229	RESET TLV809K33DBVR 2.93V SOT-23	1
U411	056G 665528	9JR5600000180	IC G5250M1T1U 1A SOT23-5	1
U4150	056G4LVC 1G PH	9JR5600000214	IC 74LVC1G3157GW SC-88	1
U503	056G1133152	9JR5600000181	NO-SUGGEST AT24C02B-TH-T 2K TSSOP-8	1
U504	056G1133152	9JR5600000181	NO-SUGGEST AT24C02B-TH-T 2K TSSOP-8	1
U601	056G 616 54	9JR5600000178	IC TPA3110D2 15W TSSOP-28	1
U602	056G 616 59	9JR5600000179	IC TPA6132A2RTER 25mW QFN-16	1
U701	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U702	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U703	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U751	056G 563129	9JR5600000090	IC AME8810-AEGTZ 0.6A/3.3V SOT-223	1
U753	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U754	056G 563922	9JR5600000111	AME1117ACGTZ	1
U755	056G 563964	9JR5600000059	IC SC4215HSETRT SO-8	1
X1000	093G 22S928 C	9JR9300000166	CRYSTAL 7B16000195 16MHz 30ppm 20pf	1
X4150	093G 22S922 C	9JR9300000126	Crystal 54Mhz 10p SMD-49	1
ZD1051	093G 39GA28 T	9JR9300000116	RLZ13B	1
ZD1052	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1063	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1064	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1065	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1066	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1067	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1068	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1150	093G 39P599 T	9JR9300000117	MM3Z5V6B	1

ZD1151	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1152	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1153	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1154	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1155	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1160	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1161	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1162	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1163	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
ZD1169	093G 39P599 T	9JR9300000117	MM3Z5V6B	1
1054	ADTVB2407SA1	9JR9900000161	POWER PCB ASSY	1
BD901	093G 50460912	9JR9300000199	BRIDGE TS6B06G 6A/800V	1
C901	063G107K224 UM	9JR6300000015	X2 CAP 0.22uF K 275VAC	1
C902	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C903	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C904	063G107K224 UM	9JR6300000015	X2 CAP 0.22uF K 275VAC	1
C906	065G306M1522B3	9JR6500000317	Y1 CAP 1500pF / 250V.	1
C907	067G 4012115C	9JR6700000143	EC 120uF 450V HS 30x26mm	1
C908	065G306M1522B3	9JR6500000317	Y1 CAP 1500pF / 250V.	1
C909	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C931	065G080533432K 3	9JR6500000220	CAP 0805 330NF 10% 50V X7R	1
C932	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C933	065G080522131J Y	9JR6500000451	CAP CHIP 0805 220P 50V NP0 +/-5%	1
C934	067G 3054797ET	9JR6700000164	EC 4U7 50V RGA 5x11mm	1
C935	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C936	065G120610432K Y	9JR6500000297	CER 1206 100N 50V X7R +/-10%	1
C937	065G120610537Z Y	9JR6500000483	CER 1206 1U 50V Y5V -20%+80%	1
C940	065G080533332K Y	9JR6500000180	CAP CHIP 0805 33N 50V X7R +/-10%	1
C941	063G210J2234CC	9JR6300000012	CAP MPP 22NF 630V 5%	1
C942	065G080533232K Y	9JR6500000332	CAP 0805 3.3NF 10% 50V X7R	1
C943	067G 515681 7C	9JR6700000166	EC 680UF 50V GF 13*25mm	1
C946	067G 3152214CT	9JR6700000115	EC 220UF 25V GF 8*11.5mm	1
C947	067G 305470 4T	9JR6700000172	NO-SUGGEST 105C RADIAL E-CAPACTOR 47uF 2	1
C949	065G080533332K Y	9JR6500000180	CAP CHIP 0805 33N 50V X7R +/-10%	1
C954	065G 1K1019AT	9JR6500000222	C CAP. 100PF 1KV RR	1
C955	065G 1K1019AT	9JR6500000222	C CAP. 100PF 1KV RR	1
C980	065G517K1522AT	9JR6500000223	CER2 DC B 500V S 1N5 PM10 A	1
C981	067G 3053307CT	9JR6700000054	EC 33uF 50V KM 6.3x11mm	1
C983	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C984	064G 47J1031AT EU	9JR6400000003	F/C PPN 0.01uF 100V 5% EUROPTRONIC	1
C985	067G 515272 3C	9JR6700000165	EC 2700uF 16V GF 13*25mm	1
C986	067G 305470 4T	9JR6700000172	NO-SUGGEST 105C RADIAL E-CAPACTOR 47uF 2	1
C989	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C990	067G 3051007ET	9JR6700000161	NO-SUGGEST EC 10uF 50V RGA 5x11 mm	1
C992	067G 4152217CT	9JR6700000117	EC 220uF 50V GF 10x16mm	1
C993	065G080510332K Y	9JR6500000199	CAP CHIP 0805 10N 50V X7R +/-10%	1
C994	065G080510332K Y	9JR6500000199	CAP CHIP 0805 10N 50V X7R +/-10%	1
CN901	087G 501908 S	9JR8700000003	AC SOCKET 2P ST58-BBAN-0000	1
CN902	095G 82513XA02	9JR9500000229	HARNESS 13P(SCN)-13P 200mm S-LCDXXTW8993	1
CN903	095G 82514XA04	9JR9500000232	HARNESS 14P(SCN)-14P 280mm S-LCDXXTW8992	1
D935	093G 60507	9JR9300000068	SCHOTTKY SRF1060 C0 10A 60V ITO-220AB	1
D951	093G 64901 T	9JR9300000036	DIODE BAV103 SOD-80	1
D952	093G 64901 T	9JR9300000036	DIODE BAV103 SOD-80	1
D953	093G 64901 T	9JR9300000036	DIODE BAV103 SOD-80	1
D954	093G 6450752T	9JR9300000086	Diode BAV21	1
D955	093G 60330	9JR9300000112	SCHOTTKY MBRF20100CT 20A 100V ITO-220AB	1
D956	093G 60S911 T	9JR9300000088	DIODE SK24A DO214AC	1
D957	093G 64901 T	9JR9300000036	DIODE BAV103 SOD-80	1
D958	093G 64901 T	9JR9300000036	DIODE BAV103 SOD-80	1
D980	093G108090052T	9JR9300000131	DIODE UG1006 1A 800V DO-41	1
D981	093G102050152T	9JR9300000130	RGP10D	1
D982	093G 6050952T	9JR9300000200	SB140	1
D983	093G201090052T	9JR9300000090	DIODE SR210 100V 2A DO-15	1
D984	093G201090052T	9JR9300000090	DIODE SR210 100V 2A DO-15	1
F901	084G 41 4	9JR8400000012	FUSE 250V 4A	1
F902	084G 41 4	9JR8400000012	FUSE 250V 4A	1

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FB905	071G 55 8	9JR7100000028	FERRITE BEAD	1
FB980	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB985	071G 55 19 T	9JR7100000001	FERRITE BEAD D9X3. 5X0.8	1
IC931	056G 581 7	9JR5600000114	IC TNY277PN DIP-8C	1
IC932	056G 139 3A	9JR5600000105	PC123Y22FZOF SHARP	1
IC951	056G 665 10 1	9JR5600000075	IC RESONANT L6599DTR SO-16N ST	1
IC952	056G 139 3A	9JR5600000105	PC123Y22FZOF SHARP	1
IC953	056G 158 10 T	9JR5600000058	LDO IC AZ431AZ-AE1 TO-92 150MA 40V TO-92	1
IC982	056G 158 10 T	9JR5600000058	LDO IC AZ431AZ-AE1 TO-92 150MA 40V TO-92	1
IC991	056G 139 3A	9JR5600000105	PC123Y22FZOF SHARP	1
L901	073T 174106 YS	9JR7300000042	LINE FILTER 13mH YS04120062	1
L902	073G 174106 L	9JR7300000053	LINE FILTER 13mH LF-008108	1
L904	071G 55 21	9JR7100000043	FERRITE BEAD	1
L905	071G 55 21	9JR7100000043	FERRITE BEAD	1
L931	073G 253 91 H	9JR7300000037	IND CHOKE 3.5uH+-10% DADONG	1
L932	073G 253 91 H	9JR7300000037	IND CHOKE 3.5uH+-10% DADONG	1
L980	073G 253 91 H	9JR7300000037	IND CHOKE 3.5uH+-10% DADONG	1
NR901	061G 58030 WL	9JR6100000591	RST NTCR 3 OHM +-20% 5A THINKING	1
Q931	057G 420519 T	9JR5700000044	BC857C	1
Q932	057G 420519 T	9JR5700000044	BC857C	1
Q945	057G 420903 T	9JR5700000045	TRA SIG BC327-40 (KEC0) A	1
Q951	057G 611 10	9JR5700000046	TRA FQPF5N50C 5A/500V TO-220F	1
Q952	057G 611907	9JR5700000047	MOSFET TK7A50D	1
Q988	057G 419513	9JR5700000002	BC847C	1
Q989	057G 419513	9JR5700000002	BC847C	1
Q990	057G 419513	9JR5700000002	BC847C	1
R901	061G1206334 T	9JR6100000372	RST CHIP 330K 1/4W 5%	1
R902	061G1206334 T	9JR6100000372	RST CHIP 330K 1/4W 5%	1
R903	061G1206334 T	9JR6100000372	RST CHIP 330K 1/4W 5%	1
R930	061G 60247552T TZ	9JR6100000599	RST CHIP 4M7 1/6W 5%	1
R931	061G0805104 T	9JR6100000303	RST CHIP 100K 1/8W 5%	1
R932	061G 60210352T TZ	9JR6100000592	RST CFR 10K 1/6W 5%	1
R933	061G1206475 T	9JR6100000668	RST CHIP 4M7 1/4W 5%	1
R934	061G1206475 T	9JR6100000668	RST CHIP 4M7 1/4W 5%	1
R935	061G1206475 T	9JR6100000668	RST CHIP 4M7 1/4W 5%	1
R937	061G 60222052T TZ	9JR6100000594	RST CFR 22R 1/6W 5%	1
R938	061G 60210152T TZ	9JR6100000169	RST CFR 100R 1/6W 5%	1
R939	061G0805222 T	9JR6100000650	RST CHIP 2K2 1/8W 5%	1
R945	061G 60247352T TZ	9JR6100000598	RST CFR 47K 1/6W 5%	1
R946	061G0805153 T	9JR6100000364	RST CHIP 15K 1/8W 5%	1
R947	061G0805331 T	9JR6100000655	RST CHIPR 330 OHM +-5% 1/8W	1
R955	061G 60210452T TZ	9JR6100000593	RST CFR 100K 1/6W 5%	1
R956	061G0805333 T	9JR6100000656	RST CHIP 33K 1/8W 5%	1
R957	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R958	061G08052702FT	9JR6100000368	RST CHIP 27K 1/8W 1%	1
R959	061G0805224 T	9JR6100000367	RST CHIP 220K 1/8W 5%	1
R960	061G0805331 T	9JR6100000655	RST CHIPR 330 OHM +-5% 1/8W	1
R961	061G0805473 T	9JR6100000312	RST CHIP 47K 1/8W 5%	1
R962	061G0805331 T	9JR6100000655	RST CHIPR 330 OHM +-5% 1/8W	1
R963	061G0805473 T	9JR6100000312	RST CHIP 47K 1/8W 5%	1
R964	061G0805271 T	9JR6100000709	RST CHIP 270R 1/8W 5%	1
R966	061G0805182 T	9JR6100001241	RST CHIP 1K8 1/8W 5%	1
R967	061G0805331 T	9JR6100000655	RST CHIPR 330 OHM +-5% 1/8W	1
R968	061G0805562 T	9JR6100001245	RST CHIP 5K6 1/8W 5%	1
R969	061G1206102 JT	9JR6100000371	RST CHIPR 1KOHM +-5% 1/4W TZAI YUAN	1
R970	061G0805473 T	9JR6100000312	RST CHIP 47K 1/8W 5%	1
R971	061G0805330 T	9JR6100000654	RST CHIP 33R 1/8W 5%	1
R972	061G08053902FT	9JR6100001243	RST CHIP 39K 1/8W 1%	1
R973	061G08052201FT	9JR6100000366	RST CHIP 2K2 1/8W 1%	1
R974	061G1206102 JT	9JR6100000371	RST CHIPR 1KOHM +-5% 1/4W TZAI YUAN	1
R975	061G08055601FT	9JR6100001244	RST CHIPR 5K6 +-1% 1/8W TZAI YUAN	1
R976	061G0805681 T	9JR6100001246	1ST CHIP 680R 1/8W 5%	1
R977	061G0805103 T	9JR6100000302	RST CHIP 10K 1/8W 5%	1
R978	061G0805472 T	9JR6100000659	RST CHIP 4K7 1/8W 5%	1
R979	061G0805472 T	9JR6100000659	RST CHIP 4K7 1/8W 5%	1
R980	061G0805272 T	9JR6100000653	RST CHIP 2K7 1/8W 5%	1
R981	061G08051502FT	9JR6100000363	RST CHIP 15K 1/8W 1%	1

R982	061G0805470 T	9JR6100000657	RST CHIP 47R 1/8W 5%	1
R983	061G 60247152T TZ	9JR6100000597	RST CFR 470R 1/6W 5%	1
R984	061G0805123 T	9JR6100000646	RST CHIP 12K 1/8W 5%	1
R985	061G0805103 T	9JR6100000302	RST CHIP 10K 1/8W 5%	1
R986	061G0805241 T	9JR6100001242	RST CHIP 240R 1/8W 5%	1
R987	061G0805682 T	9JR6100000315	RST CHIP 6K8 1/8W 5%	1
R988	061G0805474 T	9JR6100000369	RST CHIP 470K 1/8W 5%	1
R989	061G 60210052T TZ	9JR6100000361	RST CFR 10R 1/6W 5%	1
R990	061G1206100 JT	9JR6100000370	RST CHIPR 10 OHM +-5% 1/4W TZAI YUAN	1
R991	061G08051202FT	9JR6100000362	RST CHIP 12K 1/8W 1%	1
R992	061G08051802FT	9JR6100000365	RST 0805 18K 1% 1/8W	1
R993	061G08052702FT	9JR6100000368	RST CHIP 27K 1/8W 1%	1
R995	061G0805332 T	9JR6100000309	RST CHIP 3K3 1/8W 5%	1
R998	061G0805103 T	9JR6100000302	RST CHIP 10K 1/8W 5%	1
RV901	061G 46906 W	9JR6100000292	VARISTOR 560V TVR14561KFC4FY	1
RV903	061G 46902	9JR6100000291	VARISTOR 510V TVR14511KFC4FY	1
SG901	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG902	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG903	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG904	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
T901	080TL42T916 L	9JR8000000003	X'FMR 950UH 5% 37UH PT-009601-3 EFD20	1
T902	080GL32P951 L	9JR8000000010	XFMR 800uH PT-011979	1
ZD930	093G 3992152T	9JR9300000004	DIODE BZX79-C9V1 DO-35	1
ZD980	093G 3993252T	9JR9300000170	DIODE P6KE160A DO-15	1
ZD981	093G 3990252T	9JR9300000121	DIODE BZX79-C15 DO-35	1
ZD982	093G 3990752T	9JR9300000002	DIO REG BZX79-C5V1 A (PHSE) A	1
ZD983	093G 3994852T	9JR9300000142	DIODE ZENER BZX79-C24 DO-35	1

Model: LC-32SH330(AUO)(E32AA2NBGWXSNNs)

Item	TPV Code Number	SHARP 13NC	Description	Quantity
22	P01T0006 1	9JR0100000028	SCREW (PH+W6#x15 HI-LO W=13)	4
23	0C1T1730 8128	9JR0100000053	SCREW 3X8 PT	2
30	705TZ934240	9JR7050000126	BEZEL ASSY	1
40	705TZA34584	9JR7050000456	REAR COVER ASSY	1
50	705GZ934144	9JR7050000069	STAND ASSY	1
80	705TZB34024	9JR7050000485	BRACKET_SIDE_IO_ASSY	1
85	0M1G 330 6 47 CR3	9JR0100000025	SCREW 42-D005390	1
88	N02T6008 1	9JR0200000001	SCREW	2
96	0M1T 140 10120	9JR0100000039	SCREW M4X10	2
97	0M1T1740 12 47 CR3	9JR0100000049	SCREW 4x12	2
102	0Q1T 940 12 47 CR3	9JR0100000008	T4X12 SCREW	3
105	0Q1T 940 14 47 CR3	9JR0100000067	SCREW 4x14	12
126	Z40G 32084338A	9JR4000000286	Rating label	1
130	Z40G0001843A9A	9JR4000000288	Carton label	1
451	P44GJ020101	9JR4400000036	CUSHION_TL	1
452	P44GJ020201	9JR4400000037	CUSHION_TR	1
453	P44GJ020301	9JR4400000038	CUSHION_BL	1
454	P44GJ020401	9JR4400000039	CUSHION_BR	1
455	P45T 46024	9JR4500000006	PE BAG(950X735x0.72mm)	1
503	P40TD000813 9A	9JR4000000005	family sheet	1
505	Z44GJ081002	9JR4400000140	carton	1
516	P40TD00081311A	9JR4000000006	FAMILY SHEET	1
1050	750TVU315W4111N000	9JR7500000036	PANEL T315XW04 V1 TW AUO	1
1050	750TVU315W4112N000	9JR7500000053	LCD T315XW04 V1 SZ AUO	0
1056	IRPFAZAJ	9JR9900000159	IR PCB ASSY	1
1057	KEPF9PA9	9JR9900000040	KEY PCB ASSY	1
1059	PTPFAPA3	9JR9900000076	RS232 PCB ASSY	1
1172	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B	1
1176	098GRABD2NESPJ	9JR9800000005	REMOTE SHARP RC-SHARP-420	1
1185	078G100AA05 D	9JR7800000050	SPEAKER 16 OHM 10W 135*41 550+420mm	1
8391	095G801413XA22	9JR9500000219	HARNESS 5P+3P-13P 330+780 S-LCDXXTW9027	1
8413	095G8014 5X926	9JR9500000103	HARNESS 5P-5P 40mm	1
8413	095G8014 5F926	9JR9500000102	HARNESS 5P-5P 40mm	0
8750	095G801840XA05	9JR9500000220	HARNESS 30P-40P 380mm S-LVDSXTW9025	1
	0M1G1140 6120	9JR0100000046	screw	10
	0M1G1730 6120 GP	9JR0100000047	SCREW 3x6	5
	0M1G1730 8106 CR3	9JR0100000048	SCREW M3X8	11
	0M1T1740 16 47	9JR0100000073	SCREW M4X16	2
	0Q1T 930 8 47 CR3	9JR0100000007	SCREW	5
	705GZ934236	9JR7050000118	KEY PAD ASSY	1
	705TZA34590	9JR7050000457	NECK ASSEMBLY	1
	705TZA41C9A	9JR7050000459	DFU ASSY(Western&Eastern Europe)	1
	705TZA41D1A	9JR7050000460	DFU ASSY(North Europe)	1
	Z40G000161508B	9JR4000000291	DivX_HD LABEL	1
1053	CBPFA4ABZM	9JR9900000158	Scaler Assembly	1
C1000	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C1001	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1003	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1005	065G060327031J Y	9JR6500000323	CAP CHIP 0603 27P 50V NP0 +/-5%	1
C1006	065G060327031J Y	9JR6500000323	CAP CHIP 0603 27P 50V NP0 +/-5%	1
C1009	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C1012	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1013	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1014	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1015	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1016	065G040239031J Y	9JR6500000440	CAP CHIP 0402 39pF 50V NPO +/-5%	1
C1017	065G040239031J Y	9JR6500000440	CAP CHIP 0402 39pF 50V NPO +/-5%	1
C1018	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NP0 +/-5%	1
C1019	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NP0 +/-5%	1
C1020	065G040222031J Y	9JR6500000235	CAP CHIP 0402 22P 50V NP0 +/-5%	1
C1021	065G040222031J Y	9JR6500000235	CAP CHIP 0402 22P 50V NP0 +/-5%	1
C1022	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NP0 +/-5%	1

C1023	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1024	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1031	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NP0 +/-5%	1
C1033	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1034	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1035	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1036	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1037	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1038	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1039	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1040	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1041	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1048	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1049	065G040210031D Y	9JR6500000437	CAP CHIP 0402 10PF D 50V NPO	1
C1050	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1051	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1052	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1053	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1054	065G040215031J Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1055	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1056	065G040215031J Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1057	065G040215031J Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1058	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1059	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1060	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1061	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1062	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1063	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1064	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1065	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1066	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1067	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1068	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1069	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1070	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1071	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1072	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1073	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1074	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1075	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1076	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1077	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1078	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1079	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1080	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1081	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1082	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1083	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1085	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1086	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1088	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1089	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1090	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1091	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C1092	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NP0 +/-5%	1
C1093	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C1094	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NP0 +/-5%	1
C1095	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C1096	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C1097	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C1098	065G080547517Z Y	9JR6500000426	CAP CHIP 0805 4U7 16V Y5V Z	1
C1099	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NP0 +/-5%	1
C1100	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NP0 +/-5%	1
C1101	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C1102	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1103	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1

LC-26SH330, LC-32SH330, LC-42SH330

C1104	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1105	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1106	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1107	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1150	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1151	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1152	065G0402105A5K	Y	9JR6500000438	CAP 0402 1UF 10% 10V X5R	1
C1153	065G040215232K	Y	9JR6500000439	CAP CHIP 0402 1.5NF 50V X7R	1
C1154	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1155	065G040250931C	Y	9JR6500000441	CAP 0402 5PF 0.25pF 50V NP0	1
C1156	065G040215031J	Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1157	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1158	065G040250931C	Y	9JR6500000441	CAP 0402 5PF 0.25pF 50V NP0	1
C1159	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1160	065G040215031J	Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1161	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1162	065G040215031J	Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1163	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1164	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1165	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1167	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1168	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1170	065G040250931C	Y	9JR6500000441	CAP 0402 5PF 0.25pF 50V NP0	1
C1171	065G040250931C	Y	9JR6500000441	CAP 0402 5PF 0.25pF 50V NP0	1
C1172	065G040250931C	Y	9JR6500000441	CAP 0402 5PF 0.25pF 50V NP0	1
C1173	065G040215232K	Y	9JR6500000439	CAP CHIP 0402 1.5NF 50V X7R	1
C1174	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1175	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1176	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1178	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1179	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1180	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1181	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1183	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1185	065G040247312K	A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1187	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1188	065G040247312K	A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1191	065G040247312K	A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1192	065G040247031J	Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1193	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1194	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1195	065G060333031J	Y	9JR6500000290	CAP CHIP 0603 33P 50V NP0 +/-5%	1
C1196	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1197	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C4000	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4001	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4002	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4003	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4004	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4005	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4006	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4007	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4008	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4009	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4010	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4011	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4012	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4013	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4014	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4015	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4016	065G0805106A5K	T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C402	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C404	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4050	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4051	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4052	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4053	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

C4054	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4055	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4056	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4057	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4058	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4059	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C406	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4060	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4061	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4062	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C4063	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V 6.3*7	1
C4064	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C4067	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C4068	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C4069	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C407	067G215H151 4C	9JR6700000218	EC 150UF 20% 25V SY 8*7	1
C4100	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4101	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4102	067G 3111013LT	9JR6700000213	EC SMD 100UF 20% 16V 6.3*5.7	1
C4103	067G 3111013LT	9JR6700000213	EC SMD 100UF 20% 16V 6.3*5.7	1
C4104	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4105	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4106	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4107	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4108	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4109	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4110	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C4111	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C4112	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4113	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4114	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4115	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4116	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C4117	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4118	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4119	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4120	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4121	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4122	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4123	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4124	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4125	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4126	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4127	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4128	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4129	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4130	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C4150	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C4151	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C4152	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4154	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4155	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C4156	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4157	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C4158	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C4159	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C4160	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C4161	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C4163	065G040210031D Y	9JR6500000437	CAP CHIP 0402 10PF D 50V NPO	1
C4164	065G040210031D Y	9JR6500000437	CAP CHIP 0402 10PF D 50V NPO	1
C4165	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C4166	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4167	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4168	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C4169	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4201	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1

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C4202	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C4203	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4204	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4207	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C501	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C502	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C503	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C504	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C505	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C506	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C507	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C508	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C509	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C510	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C511	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C513	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C514	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C515	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C516	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C517	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C519	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C520	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C521	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C601	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C602	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C603	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C604	067G 3112214CT	9JR6700000223	EC SMD 220UF 25V HV 8*10.5	1
C605	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C606	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C608	065G0603225A5K T	9JR6500000419	CAP 0603 2.2UF 10% 10V X5R	1
C609	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C610	065G0603225A5K T	9JR6500000419	CAP 0603 2.2UF 10% 10V X5R	1
C611	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C613	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C614	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C615	065G080510522K Y	9JR6500000170	CAP CHIP 0805 1U 25V X7R +/-10%	1
C616	065G060310525K 3	9JR6500000442	MLCC CAP 0603 1uF 25V X5R +/-10%	1
C617	065G060310525K 3	9JR6500000442	MLCC CAP 0603 1uF 25V X5R +/-10%	1
C618	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C619	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C620	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C621	065G060347412K Y	9JR6500000293	CAP CHIP 0.47uF 16V +/-10% X7R	1
C622	065G060347412K Y	9JR6500000293	CAP CHIP 0.47uF 16V +/-10% X7R	1
C623	065G060347412K Y	9JR6500000293	CAP CHIP 0.47uF 16V +/-10% X7R	1
C624	065G060347412K Y	9JR6500000293	CAP CHIP 0.47uF 16V +/-10% X7R	1
C625	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C626	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C627	065G060322422K Y	9JR6500000402	CAP 0603 220N 25V X7R 10%	1
C628	065G060322422K Y	9JR6500000402	CAP 0603 220N 25V X7R 10%	1
C629	065G060322422K Y	9JR6500000402	CAP 0603 220N 25V X7R 10%	1
C630	065G060322422K Y	9JR6500000402	CAP 0603 220N 25V X7R 10%	1
C631	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C632	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C633	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C634	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C636	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C638	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C641	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C642	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C643	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C644	065G040222232K Y	9JR6500000201	CAP CHIP 0402 2N2 50V X7R +/-10%	1
C645	065G040222232K Y	9JR6500000201	CAP CHIP 0402 2N2 50V X7R +/-10%	1
C646	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C647	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C702	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C705	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C706	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1

C707	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C708	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C709	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C711	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C712	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C713	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C714	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C715	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C716	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C717	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C718	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C719	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C720	065G060356131J Y	9JR6500000445	CAP CHIP 0603 560pF J 50V NP0	1
C721	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C722	065G060356131J Y	9JR6500000445	CAP CHIP 0603 560pF J 50V NP0	1
C723	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C724	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C725	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C726	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C727	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C728	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C729	065G120610612K T	9JR6500000427	CAP 1206 10UF 10% 16V X7R	1
C730	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C733	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C734	067G215H101 4C	9JR6700000217	EC 100UF 20% 25V SY 8*7	1
C752	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V 6.3*7	1
C753	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V 6.3*7	1
C754	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C755	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C756	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C758	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C764	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C765	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C766	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C767	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C768	065G080510615K Y	9JR6500000446	CAP CHIP 0805 10uF K 16V X5R	1
C769	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
CN101	088G353A15FCSL	9JR8800000115	D-SUB CONN V/T 15P BLUE -	1
CN102	088G 302 69 YG	9JR8800000099	PHONE JACK V/T 3P GREEN H=10.5	1
CN103	088G 352 14 YG	9JR8800000102	USB CONN A TYPE SPRING	1
CN111	088G 78 13 80 YG	9JR8800000109	RCA JACK 1*5 G/BL/R/W/R V/T 10.5mm	1
CN136	088G 7813C75C	9JR8800000098	RCA JACK R/A Y/W/R 1*3 H=12	1
CN140	088G 7813C57C	9JR8800000091	RCA JACK V/T 4P W/R 1*1	1
CN151	088G 35521G C	9JR8800000104	SCART CONN. 21P V/T 10.5mm	1
CN152	088G 35521G C	9JR8800000104	SCART CONN. 21P V/T 10.5mm	1
CN159	088G 50019A VA	9JR8800000105	PCMICA CARD R/A 68P BLACK H=9.4	1
CN401	033G380213B Y	9JR3300000073	WAFER 2.0mm 13P V/T 27.95mm 5.1mm	1
CN408	033G8033 40 X	9JR3300000063	CON. V 2*20P M 1.25 SM S1312-40SVA-1R	1
CN413	033G3802 5B Y	9JR3300000079	CONNECTOR 5P 2.0	1
CN501	088G 34019H VT	9JR8800000093	HDMI HEADER 19P BLACK -	1
CN502	088G 34019H VT	9JR8800000093	HDMI HEADER 19P BLACK -	1
CN506	088G 34019KA1V	9JR8800000113	HDMI HEADER R/A 19P BLACK H=8.4	1
CN601	033G3278 4D	9JR3300000076	2.5mm Pitch Wafer	1
CN602	088G 30211K	9JR8800000058	PHONE JACK 7PIN	1
CN603	088G 78 8A 14 YG	9JR8800000111	RCA JACK 1P BLK 10.5mm V/T	1
CN701	033G327813D	9JR3300000077	CONNECTOR	1
D1050	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1051	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1052	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1053	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1054	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1055	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1056	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1057	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1058	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1059	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1

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D1060	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1061	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1062	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1063	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1064	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1065	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1066	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1150	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1151	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1152	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1153	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1154	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1155	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1156	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1157	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1158	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1159	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1160	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1161	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1166	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1167	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1170	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1171	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1172	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1173	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D4050	093G 64 33	9JR9300000113	DIO SIG SM BAV99 (PHSE)R	1
D4051	093G 6433L	9JR9300000198	DIODE LBAV99LT1G SOT-23 LRC	1
D4151	093G 6433L	9JR9300000198	DIODE LBAV99LT1G SOT-23 LRC	1
D4152	093G 6433L	9JR9300000198	DIODE LBAV99LT1G SOT-23 LRC	1
D501	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D502	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D503	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D504	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D505	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D506	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D507	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D508	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D509	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D510	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D511	093G 60505	9JR9300000134	DIO SIG SM BAT54C(PHSE)R	1
D603	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D604	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D606	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D607	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D608	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D702	093G 60S922 T	9JR9300000167	DIODE FB340M DO-222AA	1
D703	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D704	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
FB1000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1002	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1003	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1004	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1005	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1006	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB1007	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1009	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1011	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1012	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1013	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1014	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1017	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1018	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1020	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1021	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1022	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1023	071G 59C600 TA	9JR7100000044	CHIP BEAD 60ohm 600mA FCM1608CF-600T06	1
FB1024	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1

FB1025	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1052	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1053	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1054	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1158	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1159	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1160	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1161	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1162	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1163	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1164	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1165	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1166	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1167	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1168	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB402	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB403	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB4057	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4058	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4060	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB4100	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4151	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4152	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4200	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB501	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB502	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB503	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB504	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB505	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB601	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB605	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB606	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB701	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB702	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB704	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB705	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB706	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB707	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB751	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
L1000	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1001	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +-10% 0.8R	1
L1002	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1003	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +-10% 0.85R	1
L1050	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1051	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L401	073G253S901 TA	9JR7300000097	COMMON FILTER CHOKE 90R 20% 0.4A	1
L402	073G253S901 TA	9JR7300000097	COMMON FILTER CHOKE 90R 20% 0.4A	1
L4150	073G 63828 TA	9JR7300000057	CHIP INDUCTOR 0603 0.82uH 10%	1
L601	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L602	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L603	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L604	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L701	073G253S 46 S	9JR7300000084	SMD CHOKE 4.7uH	1
L702	073G253S 46 S	9JR7300000084	SMD CHOKE 4.7uH	1
Q1050	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1051	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1052	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1053	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1054	057G 417512	9JR5700000069	MMBT3906	1
Q1055	057G 417512	9JR5700000069	MMBT3906	1
Q1150	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q1151	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1152	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1153	057G 417512	9JR5700000069	MMBT3906	1
Q1154	057G 417512	9JR5700000069	MMBT3906	1

LC-26SH330, LC-32SH330, LC-42SH330

Q1155	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1
Q1156	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1
Q1157	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q401	057G 417511	9JR5700000001	MMBT3904	1
Q402	057G 417511	9JR5700000001	MMBT3904	1
Q501	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q502	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q503	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q504	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q505	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q506	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q507	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q508	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q601	057G 477904 T	9JR5700000053	TRA BC847BW 100mA/45V SOT-323	1
Q602	057G 761902 T	9JR5700000059	TRA BC857BW 100mA/50V SOT-323	1
Q605	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q701	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q702	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q703	057G 763913	9JR5700000065	MOSFET AO6415 TSOP6	1
Q704	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q705	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q750	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q751	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
R1002	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1003	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1004	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1005	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1006	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1007	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1008	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1010	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1011	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R1012	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R1013	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1017	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1018	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1019	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1021	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1025	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1031	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1032	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1033	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1038	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1039	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1041	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1042	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1043	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1044	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1045	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1046	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1047	061G0402510 JI	9JR6100000926	RST 0402 51R 5% 1/16W	1
R1048	061G0402510 JI	9JR6100000926	RST 0402 51R 5% 1/16W	1
R1049	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1050	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1051	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1052	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1060	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1061	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1062	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1063	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1064	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1065	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1066	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1067	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1068	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1069	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1070	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1

R1071	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1072	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1073	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1074	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1075	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1076	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1077	061G06031002FI	9JR6100000848	RST 0603 10K 1% 1/10W TA-I	1
R1078	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1079	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1080	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1081	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1083	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1084	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1085	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R1086	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1087	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1088	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R1089	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1090	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1091	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1092	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R1093	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R1094	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1095	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1096	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R1097	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1098	061G06031002FI	9JR6100000848	RST 0603 10K 1% 1/10W TA-I	1
R1099	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1100	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1101	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1102	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1103	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R1104	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R1105	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W	1
R1106	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1107	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R1108	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1109	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1110	061G0603472 JI	9JR6100000865	RST 0603 4.7K 5% 1/10W TA-I	1
R1111	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W	1
R1112	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W	1
R1113	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1114	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1115	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1116	061G0603472 JI	9JR6100000865	RST 0603 4.7K 5% 1/10W TA-I	1
R1117	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1118	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R1119	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W	1
R1121	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1122	061G0402222 JI	9JR6100000840	TEST ONLY RST 0402 2.2K 5% 1/16W TA-I	1
R1125	061G0402222 JI	9JR6100000840	TEST ONLY RST 0402 2.2K 5% 1/16W TA-I	1
R1126	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1127	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1129	061G0603750 JF	9JR6100000957	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	1
R1130	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1131	061G0402513 JF	9JR6100000928	RST CHIP 51K 1/16W 5% FENGHUA	1
R1132	061G0402513 JF	9JR6100000928	RST CHIP 51K 1/16W 5% FENGHUA	1
R1133	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1134	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1135	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1136	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1137	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1138	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1150	061G0603303 JF	9JR6100000946	RST CHIP R 30KOHM 1/16W +/-5% FENGHUA	1
R1151	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1152	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1

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R1153	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1154	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1155	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1156	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1157	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1158	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1159	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1160	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1161	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1162	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1163	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1164	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1165	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1166	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1167	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1168	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1169	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1170	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1171	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1172	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1173	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1174	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1175	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1176	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1177	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1178	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1179	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1180	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1181	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1182	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1183	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1184	061G0402152 JF	9JR6100000914	RST CHIPR 1.5KOHM +-5% 1/16W FENGHUA	1
R1185	061G0402152 JF	9JR6100000914	RST CHIPR 1.5KOHM +-5% 1/16W FENGHUA	1
R1186	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1187	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1188	061G0603472 JI	9JR6100000865	RST 0603 4.7K 5% 1/10W TA-I	1
R1189	061G06032400FF	9JR6100000942	RST CHIPR 240 OHM +-1% 1/10W FENGHUA	1
R1190	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1191	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1192	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1193	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1194	061G0603101 JI	9JR6100000849	RST 0603 100R 5% 1/10W TA-I	1
R1195	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R1196	061G0603101 JI	9JR6100000849	RST 0603 100R 5% 1/10W TA-I	1
R1197	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1198	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1199	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1200	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1201	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1202	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1203	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1204	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R1205	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R1206	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1207	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1208	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R1209	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1210	061G0603222 JF	9JR6100000940	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	1
R1211	061G0603222 JF	9JR6100000940	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	1
R1212	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R4000	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4001	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4003	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4004	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4005	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4006	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4050	061G06035600FF	9JR6100000954	RST CHIPR 560 OHM +-1% 1/10W FENGHUA	1

R4051	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4052	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4056	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4057	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4058	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4059	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R406	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R4060	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4061	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4062	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4063	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R407	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R408	061G0603101 JI	9JR6100000849	RST 0603 100R 5% 1/10W TA-I	1
R409	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R410	061G0603202 JI	9JR6100000938	TEST ONLY RST 0603 2K 5% 1/16W TA-I	1
R4100	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4101	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4102	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4103	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4104	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4105	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4106	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4107	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4108	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4109	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4110	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4111	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4112	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R413	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R414	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R4151	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4152	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
R4153	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4154	061G06036801FF	9JR6100000956	RST CHIPR 6.8KOHM +-1% 1/10W FENGHUA	1
R4156	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4157	061G0603101 JY	9JR6100001186	RST CHIPR 100 OHM +-5% 1/10W YAGEO	1
R4158	061G0402331 JF	9JR6100000920	RST CHIP 330R 1/16W 5% FENGHUA	1
R4159	061G0603101 JI	9JR6100000849	RST 0603 100R 5% 1/10W TA-I	1
R4160	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4161	061G0603102 JY	9JR6100001187	RST CHIPR 1KOHM +-5% 1/10W YAGEO	1
R4162	061G0603163 JF	9JR6100000936	RST CHIPR 16KOHM 5% 1/10W FENGHUA	1
R4163	061G0603163 JF	9JR6100000936	RST CHIPR 16KOHM 5% 1/10W FENGHUA	1
R4164	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4165	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4166	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4167	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4168	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4169	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4170	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4171	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R4172	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R4173	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R4174	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4175	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R4176	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R4177	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4179	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R418	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4180	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R4181	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R4182	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4183	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R4184	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4185	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4186	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4187	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1

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R4188	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4189	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R419	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4190	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4191	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4192	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4194	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4195	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4196	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R4197	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4199	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R420	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4200	061G0603472 JI	9JR6100000865	RST 0603 4.7K 5% 1/10W TA-I	1
R4201	061G0603472 JI	9JR6100000865	RST 0603 4.7K 5% 1/10W TA-I	1
R4202	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4203	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4204	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4205	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4206	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4207	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4208	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4209	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4210	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4211	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4212	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4213	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4214	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4215	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4216	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4217	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4218	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4219	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4220	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4221	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4222	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R4223	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R4224	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R4225	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R4226	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R4227	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R4229	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4230	061G0603470 JF	9JR6100000952	RST CHIPR 470HM +-5% 1/10W FENGHUA	1
R4231	061G0603104 JI	9JR6100000852	TEST ONLY RST 0603 100K 5% 1/16W TA-I	1
R4232	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4233	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R4234	061G0603470 JF	9JR6100000952	RST CHIPR 470HM +-5% 1/10W FENGHUA	1
R501	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R502	061G0603273 JF	9JR6100000943	RST CHIPR 27KOHM 5% 1/10W FENGHUA	1
R503	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R504	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R507	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R508	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R509	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R510	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R511	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R512	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R514	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1
R515	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R516	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R517	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R518	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R519	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R520	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R521	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R522	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R524	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R525	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1

R526	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R527	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R528	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R529	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R530	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R531	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1
R532	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R533	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R534	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R535	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R536	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R537	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R538	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R539	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R540	061G0603472 JI	9JR6100000865	RST 0603 4.7K 5% 1/10W TA-I	1
R541	061G0603472 JI	9JR6100000865	RST 0603 4.7K 5% 1/10W TA-I	1
R545	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R546	061G06034641FI	9JR6100000951	RST 0603 4.64K 1% 1/10W TA-I	1
R547	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R548	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R549	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R550	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R562	061G06035101FF	9JR6100000953	RST 0603 5.1K 1% 1/10W	1
R564	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R565	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R566	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R567	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R568	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R569	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R570	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R601	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R604	061G0402223 JI	9JR6100000916	TEST ONLY RST 0402 22K 5% 1/16W TA-I	1
R605	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R606	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R607	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R608	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R609	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R611	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R612	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R613	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R614	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R615	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R617	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R618	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R622	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R624	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R627	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R628	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R629	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R630	061G1206100 JF	9JR6100000961	RST CHIPR 10 OHM +-5% 1/4W FENGHUA	1
R631	061G0402512 JF	9JR6100000927	RST CHIP 5K1 1/16W 5% FENGHUA	1
R632	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R634	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R637	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R638	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R639	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R640	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R641	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R642	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R643	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R644	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R647	061G04024700FF	9JR6100000922	RST CHIP 470R 1/16W 1% FENGHUA	1
R648	061G04024700FF	9JR6100000922	RST CHIP 470R 1/16W 1% FENGHUA	1
R701	061G0603223 JI	9JR6100000941	RST 0603 22K 5% 1/10W TA-I	1
R702	061G0603333 JF	9JR6100000949	RST CHIPR 33KOHM 1/10W FENGHUA	1
R703	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1

LC-26SH330, LC-32SH330, LC-42SH330

R704	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R705	061G0402272 JF	9JR6100000917	RST CHIP 2K7 1/16W 5% FENGHUA	1
R707	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R708	061G0603333 JF	9JR6100000949	RST CHIPR 33KOHM 1/10W FENGHUA	1
R710	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R711	061G0603223 JI	9JR6100000941	RST 0603 22K 5% 1/10W TA-I	1
R712	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R714	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R715	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R716	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R717	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R718	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R719	061G06031501FI	9JR6100000935	TEST ONLY RST 0603 1.5K 1% 1/10W TA-I	1
R720	061G06033001FI	9JR6100000944	TEST ONLY RST 0603 3K 1% 1/10W TA-I	1
R721	061G06031002FI	9JR6100000848	RST 0603 10K 1% 1/10W TA-I	1
R722	061G06031002FI	9JR6100000848	RST 0603 10K 1% 1/10W TA-I	1
R723	061G06033002FF	9JR6100000945	RST CHIPR 30KOHM +-1% 1/10W FENGHUA	1
R725	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R726	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R727	061G12060004JF	9JR6100000872	RST CHIPR MAX0R05 4A 1/4W FENGHUA	1
R731	061G06035609FF	9JR6100000955	RST CHIPR 56 OHM +-1% 1/10W FENGHUA	1
R750	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R752	061G0603512 JI	9JR6100000868	TEST ONLY RST 0603 5.1K 5% 1/16W TA-I	1
R753	061G12060004JF	9JR6100000872	RST CHIPR MAX0R05 4A 1/4W FENGHUA	1
R755	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R756	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R757	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
R758	061G0603752 JI	9JR6100000959	TEST ONLY RST 0603 7.5K 5% 1/16W TA-I	1
R759	061G06032002FF	9JR6100000937	RST CHIPR 20KOHM +-1% 1/10W FENGHUA	1
R760	061G06032202FF	9JR6100000939	RST CHIPR 22KOHM +-1% 1/10W FENGHUA	1
R761	061G06034701FF	9JR6100000863	RST CHIPR 4.7KOHM +-1% 1/10W	1
R762	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R763	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
RP1000	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1001	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1002	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1003	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP4100	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4101	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4102	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4103	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4104	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4105	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4106	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4107	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4108	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4109	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4110	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4111	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
TH4050	061G 56A050 WT	9JR6100000432	SMD PTC 0.5A KMC3S050RY 1206	1
TU101	094G DVB T12G	9JR9400000009	TUNER DVB-T With Analog TDTW-S810D(M)	1
U101	056G 575 14	9JR5600000174	IC Si2163 QFN-36	1
U102	056G 623906	9JR5600000078	IC NLASB3157DFT2G SC-88	1
U106	056G 616914	9JR5600000186	IC RC4580IPWR TSSOP8	1
U107	056G 616914	9JR5600000186	IC RC4580IPWR TSSOP8	1
U108	056G 133507	9JR5600000170	LDO AS78L12RTR-G1 0.1A 12V SOT-89	1
U110	056G1133913	9JR5600000107	EEPROM M24C02-WDW6P 2Kb TSSOP8	1
U401	056G 562355	9JR5600000192	SCALER MT5363LYYG BGA 27*27mm	1
U402	056G 615117	9JR5600000233	DRAM W9751G6JB-18 WBGA-84 512Mb	1
U403	056G 615117	9JR5600000233	DRAM W9751G6JB-18 WBGA-84 512Mb	1
U4051	705TZA56230	9JR7050000461	CPU Assembly	1
U409	705TZA56231	9JR7050000462	EEPROM Assembly	1
U410	056G 643 46	9JR5600000200	IC Reset AZ809ANSTR-E1 SOT-23 2.93V	1
U411	056G 665528	9JR5600000180	IC G5250M1T1U 1A SOT23-5	1
U4150	056G 623906	9JR5600000078	IC NLASB3157DFT2G SC-88	1
U501	056G 623 33	9JR5600000187	IC TMDS351PAG TQFP-64	1
U502	056G1133913	9JR5600000107	EEPROM M24C02-WDW6P 2Kb TSSOP8	1

U503	056G1133913	9JR5600000107	EEPROM M24C02-WDW6P 2Kb TSSOP8	1
U504	056G1133913	9JR5600000107	EEPROM M24C02-WDW6P 2Kb TSSOP8	1
U601	056G 616 54	9JR5600000178	IC TPA3110D2 15W TSSOP-28	1
U602	056G 616 59	9JR5600000179	IC TPA6132A2RTER 25mW QFN-16	1
U701	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U702	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U703	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U751	056G 563129	9JR5600000090	IC AME8810-AEGTZ 0.6A/3.3V SOT-223	1
U753	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U754	056G 133 30AAC	9JR5600000169	AZ1117H-ADJ-E1	1
U755	056G 563964	9JR5600000059	IC SC4215HSETRT SO-8	1
X1000	093G 22S928 C	9JR9300000166	CRYSTAL 7B16000195 16MHz 30ppm 20pf	1
X4150	093G 22S922 C	9JR9300000126	Crystal 54Mhz 10p SMD-49	1
ZD1051	093G 39S 40 T	9JR9300000103	RLZ 13B LLDS	1
ZD1052	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1055	093G 39S 40 T	9JR9300000103	RLZ 13B LLDS	1
ZD1056	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1057	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1063	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1064	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1065	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1066	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1067	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1068	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1150	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1151	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1152	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1153	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1154	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1155	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1160	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1161	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1162	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1163	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1169	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
1054	ADTVA2415SB1	9JR9900000157	POWER PCB ASSY	1
BD901	093G 50460912	9JR9300000199	BRIDGE TS6B06G 6A/800V	1
C901	063G107K224 UM	9JR6300000015	X2 CAP 0.22uF K 275VAC	1
C902	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C903	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C904	063G107K224 UM	9JR6300000015	X2 CAP 0.22uF K 275VAC	1
C906	065G306M1522B3	9JR6500000317	Y1 CAP 1500pF / 250V.	1
C907	067G 4010115C	9JR6700000159	EC 100UF 20% 450V HS 25*26	1
C908	065G306M1522B3	9JR6500000317	Y1 CAP 1500pF / 250V.	1
C909	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C910	063G211J105GMC	9JR6300000016	CAP MPPB 1UF 5% 450V	1
C911	065G080533422K 3	9JR6500000315	330NF 10% 25V X7R	1
C913	065G080533422K 3	9JR6500000315	330NF 10% 25V X7R	1
C914	065G080522517Z Y	9JR6500000313	CAP CHIP 0805 2.2UF Z 16V Y5V	1
C915	065G080510232K Y	9JR6500000110	CAP CHIP 0805 1N 50V X7R +/-10%	1
C931	065G080533422K 3	9JR6500000315	330NF 10% 25V X7R	1
C932	065G080522422K Y	9JR6500000205	CAP CHIP 0805 220N 25V X7R -/+ 10%	1
C933	065G080527131J Y	9JR6500000314	CAP CHIP 0805 270P 50V NP0 +/-5%	1
C934	067G 3054797ET	9JR6700000164	EC 4U7 50V RGA 5x11mm	1
C935	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C936	065G120610432K Y	9JR6500000297	CER 1206 100N 50V X7R +/-10%	1
C937	065G120610537Z Y	9JR6500000483	CER 1206 1U 50V Y5V -20%+80%	1
C940	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C941	063G210J2234CC	9JR6300000012	CAP MPP 22NF 630V 5%	1
C942	065G080522232K Y	9JR6500000312	CAP CHIP 0805 2N2 50V X7R +/-10%	1
C943	067G215L1026NS	9JR7100000049	EC 105°C CAP 1000UF M 35V	1
C946	067G 3152214CT	9JR6700000115	EC 220UF 25V GF 8*11.5mm	1
C947	067G 305470 4T	9JR6700000172	NO-SUGGEST 105C RADIAL E-CAPACTOR 47uF 2	1
C949	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C953	065G 1K1529AT	9JR6500000306	C CAP. 1500PF 1KV	1
C954	065G 1K1019AT	9JR6500000222	C CAP. 100PF 1KV RR	1

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C955	065G 1K1019AT	9JR6500000222	C CAP. 100PF 1KV RR	1
C960	065G 1K2219AT	9JR6500000307	C CAP. 220PF 1KV	1
C980	065G517K1522AT	9JR6500000223	CER2 DC B 500V S 1N5 PM10 A	1
C981	067G 3053307CT	9JR6700000054	EC 33uF 50V KM 6.3x11mm	1
C983	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C984	064G 47J1031AT EU	9JR6400000003	F/C PPN 0.01uF 100V 5% EUROPTRONIC	1
C985	067G 515272 3C	9JR6700000165	EC 2700uF 16V GF 13*25mm	1
C986	067G 305470 4T	9JR6700000172	NO-SUGGEST 105C RADIAL E-CAPACTOR 47uF 2	1
C989	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C990	067G 3051007CT	9JR7100000069	EC 10UF/50V KM 5*11mm	1
C991	065G080510232K Y	9JR6500000110	CAP CHIP 0805 1N 50V X7R +/-10%	1
C992	067G 515471 6C	9JR6700000129	EC 470UF 20% 35V 10*20	1
C993	065G080510332K Y	9JR6500000199	CAP CHIP 0805 10N 50V X7R +/-10%	1
C994	065G080510332K Y	9JR6500000199	CAP CHIP 0805 10N 50V X7R +/-10%	1
CN901	087G 501908 S	9JR8700000003	AC SOCKET 2P ST58-BBAN-0000	1
CN902	095G 82513XA00	9JR9500000228	HARNESS 13P(SCN)-13P 350 S-LCDXXTW9028	1
CN903	095G 82514XA01	9JR9500000231	HARNESS 14P(SCN)-14P 200 S-LCDXXTW9026	1
D902	093G 220901	9JR9300000124	iode STH5L06FP TO-220FP	1
D903	093G 52S900 T	9JR9300000127	DIODE BAV103 SOD-80C PHILIPS	1
D935	093G 60507	9JR9300000068	SCHOTTKY SRF1060 C0 10A 60V ITO-220AB	1
D951	093G 64901 T	9JR9300000036	DIODE BAV103 SOD-80	1
D952	093G 64901 T	9JR9300000036	DIODE BAV103 SOD-80	1
D953	093G 64901 T	9JR9300000036	DIODE BAV103 SOD-80	1
D954	093G 6450752T	9JR9300000086	Diode BAV21	1
D955	093G 60330	9JR9300000112	SCHOTTKY MBRF20100CT 20A 100V ITO-220AB	1
D956	093G 60S911 T	9JR9300000088	DIODE SK24A DO214AC	1
D957	093G 64901 T	9JR9300000036	DIODE BAV103 SOD-80	1
D958	093G 64901 T	9JR9300000036	DIODE BAV103 SOD-80	1
D980	093G108090052T	9JR9300000131	DIODE UG1006 1A 800V DO-41	1
D981	093G102050152T	9JR9300000130	RGP10D	1
D982	093G 521ZJ26T	9JR9300000123	NO-SUGGEST DIODE SB240	1
D983	093G201090052T	9JR9300000090	DIODE SR210 100V 2A DO-15	1
D984	093G201090052T	9JR9300000090	DIODE SR210 100V 2A DO-15	1
F901	084G 41 4	9JR8400000012	FUSE 250V 4A	1
F902	084G 41 4	9JR8400000012	FUSE 250V 4A	1
FB904	071G 55 8	9JR7100000028	FERRITE BEAD	1
FB905	071G 55 8	9JR7100000028	FERRITE BEAD	1
FB980	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB982	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB983	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB984	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB985	071G 55 19 T	9JR7100000001	FERRITE BEAD D9X3. 5X0.8	1
IC901	056G 379901	9JR5600000109	IC SG6961SZ SOP8	1
IC931	056G 581 7	9JR5600000114	IC TNY277PN DIP-8C	1
IC932	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC951	056G 665 10 1	9JR5600000075	IC RESONANT L6599DTR SO-16N ST	1
IC952	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC953	056G 158 10 T	9JR5600000058	LDO IC AZ431AZ-AE1 TO-92 150MA 40V TO-92	1
IC982	056G 158 10 T	9JR5600000058	LDO IC AZ431AZ-AE1 TO-92 150MA 40V TO-92	1
IC991	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
J924	061G 60210352T TZ	9JR6100000592	\RST CFR 10K 1/6W 5%	1
L901	073G 174935 L	9JR7300000041	LINE FILTER 15mH 1.8A LF-011378	1
L902	073G 174106 L	9JR7300000053	LINE FILTER 13mH LF-008108	1
L904	071G 55 21	9JR7100000043	FERRITE BEAD	1
L905	071G 55 21	9JR7100000043	FERRITE BEAD	1
L906	073G 174937 L	9JR7300000058	PFC CHOKE 600uH 5% CC-012380	1
L931	073G 253 91 H	9JR7300000037	IND CHOKE 3.5uH+-10% DADONG	1
L932	073G 253 91 H	9JR7300000037	IND CHOKE 3.5uH+-10% DADONG	1
L980	073G 253 91 H	9JR7300000037	IND CHOKE 3.5uH+-10% DADONG	1
NR901	061G 58030 WL	9JR6100000591	RST NTCR 3 OHM +-20% 5A THINKING	1
Q901	057G 667 49	9JR5700000072	FET 2SK4086LS-MG5 TO-220FI(LS)	1
Q931	057G 420519 T	9JR5700000044	BC857C	1
Q932	057G 761900 T	9JR5700000076	BC857 SOT23	1
Q945	057G 420903 T	9JR5700000045	TRA SIG BC327-40 (KEC0) A	1
Q951	057G 611905	9JR5700000071	MOSFET 2SK4096LS TO-220FI	1
Q952	057G 611905	9JR5700000071	MOSFET 2SK4096LS TO-220FI	1
Q988	057G 419513	9JR5700000002	BC847C	1

Q989	057G 419513	9JR5700000002	BC847C	1
Q990	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
R901	061G1206224 T	9JR6100000667	RST CHIP 220K 1/4W 5%	1
R902	061G1206224 T	9JR6100000667	RST CHIP 220K 1/4W 5%	1
R903	061G1206224 T	9JR6100000667	RST CHIP 220K 1/4W 5%	1
R905	061G0805104 T	9JR6100000303	RST CHIP 100K 1/8W 5%	1
R907	061G0805243 T	9JR6100000652	RST CHIP 24K 1/8W 5%	1
R908	061G0805333 T	9JR6100000656	RST CHIP 33K 1/8W 5%	1
R909	061G08056800FT	9JR6100000661	RST CHIP 680R 1/8W 1%	1
R910	061G12061004FT	9JR6100000664	RST CHIP R 1 MOHM +-1% 1/4W	1
R911	061G12061004FT	9JR6100000664	RST CHIP R 1 MOHM +-1% 1/4W	1
R912	061G12061004FT	9JR6100000664	RST CHIP R 1 MOHM +-1% 1/4W	1
R913	061G08051802FT	9JR6100000365	RST 0805 18K 1% 1/8W	1
R915	061G208M27852T	9JR6100000670	RST MOF 0R27 5% 1W	1
R916	061G0805513 T	9JR6100000660	RST CHIP 51K 1/8W 5%	1
R917	061G 60233152T TZ	9JR6100000595	RST CFR 330R 1/6W 5%	1
R919	061G0805151 T	9JR6100000647	RST CHIP 150R 1/8W 5%	1
R930	061G 60247552T TZ	9JR6100000599	RST CHIP 4M7 1/6W 5%	1
R931	061G0805104 T	9JR6100000303	RST CHIP 100K 1/8W 5%	1
R932	061G 60210352T TZ	9JR6100000592	VRST CFR 10K 1/6W 5%	1
R933	061G1206475 T	9JR6100000668	RST CHIP 4M7 1/4W 5%	1
R934	061G1206475 T	9JR6100000668	RST CHIP 4M7 1/4W 5%	1
R935	061G1206475 T	9JR6100000668	RST CHIP 4M7 1/4W 5%	1
R937	061G 60222052T TZ	9JR6100000594	RST CFR 22R 1/6W 5%	1
R938	061G 60210152T TZ	9JR6100000169	RST CFR 100R 1/6W 5%	1
R939	061G0805472 T	9JR6100000659	RST CHIP 4K7 1/8W 5%	1
R945	061G 60247352T TZ	9JR6100000598	RST CFR 47K 1/6W 5%	1
R946	061G0805153 T	9JR6100000364	RST CHIP 15K 1/8W 5%	1
R947	061G0805331 JT	9JR6100001032	RST CHIP 330R 1/8W 5% TZAI YUAN	1
R955	061G 60210452T TZ	9JR6100000593	RST CFR 100K 1/6W 5%	1
R956	061G0805333 T	9JR6100000656	RST CHIP 33K 1/8W 5%	1
R957	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R958	061G08052702FT	9JR6100000368	RST CHIP 27K 1/8W 1%	1
R959	061G0805105 T	9JR6100000304	RST CHIP 1M 1/8W 5%	1
R960	061G0805101 T	9JR6100000300	RST CHIP 100R 1/8W 5%	1
R961	061G0805513 T	9JR6100000660	RST CHIP 51K 1/8W 5%	1
R962	061G0805101 T	9JR6100000300	RST CHIP 100R 1/8W 5%	1
R963	061G0805513 T	9JR6100000660	RST CHIP 51K 1/8W 5%	1
R964	061G0805271 T	9JR6100000709	RST CHIP 270R 1/8W 5%	1
R965	061G0805682 T	9JR6100000315	RST CHIP 6K8 1/8W 5%	1
R966	061G0805222 T	9JR6100000650	RST CHIP 2K2 1/8W 5%	1
R967	061G0805331 T	9JR6100000655	RST CHIPR 330 OHM +-5% 1/8W	1
R968	061G0805472 JT	9JR6100000710	RST CHIPR 4K7 +-5% 1/8W TZAI YUAN	1
R969	061G1206102 T	9JR6100000665	RST CHIP 1K 1/4W 5%	1
R970	061G0805223 T	9JR6100000651	RST CHIP 22K 1/8W 5%	1
R971	061G0805330 T	9JR6100000654	RST CHIP 33R 1/8W 5%	1
R972	061G08052202FT	9JR6100000649	RST CHIP 22K 1/8W 1%	1
R973	061G08052201FT	9JR6100000366	RST CHIP 2K2 1/8W 1%	1
R974	061G1206512 T	9JR6100000669	RST CHIP 5K1 1/4W 5%	1
R975	061G08052001FT	9JR6100000648	RST CHIP 2K 1/8W 1%	1
R977	061G0805103 T	9JR6100000302	RST CHIP 10K 1/8W 5%	1
R978	061G0805472 T	9JR6100000659	RST CHIP 4K7 1/8W 5%	1
R979	061G0805472 JT	9JR6100000710	RST CHIPR 4K7 +-5% 1/8W TZAI YUAN	1
R980	061G0805272 T	9JR6100000653	RST CHIP 2K7 1/8W 5%	1
R981	061G08054702FT	9JR6100000658	RST CHIP 47K 1/8W 1%	1
R982	061G0805470 T	9JR6100000657	RST CHIP 47R 1/8W 5%	1
R983	061G 60247152T TZ	9JR6100000597	RST CFR 470R 1/6W 5%	1
R984	061G0805123 T	9JR6100000646	RST CHIP 12K 1/8W 5%	1
R985	061G0805103 T	9JR6100000302	RST CHIP 10K 1/8W 5%	1
R986	061G0805331 T	9JR6100000655	RST CHIPR 330 OHM +-5% 1/8W	1
R987	061G0805682 T	9JR6100000315	RST CHIP 6K8 1/8W 5%	1
R988	061G0805474 T	9JR6100000369	RST CHIP 470K 1/8W 5%	1
R989	061G 60210052T TZ	9JR6100000361	RST CFR 10R 1/6W 5%	1
R990	061G1206100 T	9JR6100000663	RST CHIP 10R 1/4W 5%	1
R991	061G08051202FT	9JR6100000362	RST CHIP 12K 1/8W 1%	1
R992	061G08051802FT	9JR6100000365	RST 0805 18K 1% 1/8W	1

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R993	061G08052702FT	9JR6100000368	RST CHIP 27K 1/8W 1%	1
R995	061G0805332 T	9JR6100000309	RST CHIP 3K3 1/8W 5%	1
R998	061G0805103 T	9JR6100000302	RST CHIP 10K 1/8W 5%	1
RV901	061G 46906 W	9JR6100000292	VARISTOR 560V TVR14561KFC4FY	1
RV903	061G 46902	9JR6100000291	VARISTOR 510V TVR14511KFC4FY	1
SG901	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG902	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG903	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG904	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
T901	080GL42T916 L	9JR8000000015	X'FMR 950UH 5% 37UH MAX PT-009601-3	1
T902	080GL32P956 L	9JR8000000014	X'FMR 1.5MH 5% 345UH PT-012351	1
ZD930	093G 3992152T	9JR9300000004	DIODE BZX79-C9V1 DO-35	1
ZD931	093G 3990752T	9JR9300000002	DIO REG BZX79-C5V1 A (PHSE) A	1
ZD980	093G 3919352T	9JR9300000033	TVS P6KE160A 160V 100A 600W	1
ZD981	093G 3990252T	9JR9300000121	DIODE BZX79-C15 DO-35	1
ZD983	093G 3994852T	9JR9300000142	DIODE ZENER BZX79-C24 DO-35	1

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Item	TPV Code Number	SHARP 13NC	Description	Quantity
22	P01T0006 1	9JR0100000028	SCREW (PH+W6#x15 HI-LO W=13)	4
30	705TZA34132	9JR7050000275	BEZEL ASSY	1
40	705TZB34039	9JR7050000486	REAR COVER ASSY	1
50	705GZ934207	9JR7050000112	STAND ASSY	1
71	705TZA15013	9JR7050000455	BRACKET_SIDE_IO_ASSY	1
75	0D1G3440 8106 CR3	9JR0100000054	SCREW 4x8	18
90	705TZA34615	9JR7050000473	BASE NECK ASSY	1
102	0M1G1730 8106 CR3	9JR0100000048	SCREW M3X8	10
103	0Q1T 940 25 47 CR3	9JR0100000021	SCREW 4x25	8
104	0M1T1740 16 47 CR3	9JR0100000043	screw	4
105	N02T6008 1	9JR0200000001	SCREW	2
126	Z40G 32084338A	9JR4000000286	Rating label	1
130	Z40G0001843A9A	9JR4000000288	Carton label	1
135	705TZA41C9A	9JR7050000459	DFU ASSY(Western & Eastern Europe)	1
136	705TZA41D1A	9JR7050000460	DFU ASSY(North Europe)	1
450	Z44GN098001	9JR4400000142	CARTON	1
451	P44GN019101	9JR4400000044	CUSHION_TL	1
452	P44GN019201	9JR4400000045	CUSHION_TR	1
453	P44GN019301	9JR4400000046	CUSHION_BL	1
454	P44GN019401	9JR4400000047	CUSHION_BR	1
455	P45T 46023	9JR4500000008	PE BAG(1200X1000x0.72mm)	1
503	P40TD000813 9A	9JR4000000005	family sheet	1
506	P40TD00081311A	9JR4000000006	FAMILY SHEET	1
1050	750TAU420H901SN000	9JR7500000061	LCD T420HW09 V000 SN AUO	1
1056	IRPFAZAJ	9JR9900000159	IR PCB ASSY	1
1057	KEPF9PA9	9JR9900000040	KEY PCB ASSY	1
1059	PTPFAPA3	9JR9900000076	RS232 PCB ASSY	1
1172	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B	1
1176	098GRABD2NESPJ	9JR9800000005	REMOTE SHARP RC-SHARP-420	1
1185	078G100AA06 D	9JR7800000052	SPK 16R 10W 126*37 750+450 X12637-0031	1
8391	095G801413XA27	9JR9500000223	HARNESS 13P-5P+3P 420+980 S-LCDXXTW8978	1
8413	095G8014 5F926	9JR9500000102	HARNESS 5P-5P 40mm	1
8413	095G8014 5X926	9JR9500000103	HARNESS 5P-5P 40mm	0
8750	095G801851XA11	9JR9500000224	HARNESS 51P-40P 480mm S-LVDSXTW8975	1
	0C1T1730 8128	9JR0100000053	SCREW 3X8 PT	2
	0M1T 940 12 47 CR3	9JR0100000082	SILICON	8
	0Q1T 940 8 47	9JR0100000084	screw	2
	0Q1T 940 16 47 CR3	9JR0100000020	SCREW	8
	705TZA3418A	9JR7050000156	KEY PAD ASSY	1
	Z40G000161508B	9JR4000000291	DivX_HD LABEL	1
	0M1G 330 6 47 CR3	9JR0100000025	SCREW 42-D005390	1
	0M1T 940 8 47 CR3	9JR0100000086	SCREW	1
	0Q1T 330 8 47 CR3	9JR0100000070	SCREW	5
1053	CBPFA4ABZR	9JR9900000163	MAIN PCB ASSY(LG TUNER)	1
C1000	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C1001	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1003	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1005	065G060327031J Y	9JR6500000323	CAP CHIP 0603 27P 50V NP0 +/-5%	1
C1006	065G060327031J Y	9JR6500000323	CAP CHIP 0603 27P 50V NP0 +/-5%	1
C1009	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C1012	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1013	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1014	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1015	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1016	065G040239031J Y	9JR6500000440	CAP CHIP 0402 39pF 50V NPO +/-5%	1
C1017	065G040239031J Y	9JR6500000440	CAP CHIP 0402 39pF 50V NPO +/-5%	1
C1018	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NP0 +/-5%	1
C1019	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NP0 +/-5%	1
C1020	065G040222031J Y	9JR6500000235	CAP CHIP 0402 22P 50V NP0 +/-5%	1
C1021	065G040222031J Y	9JR6500000235	CAP CHIP 0402 22P 50V NP0 +/-5%	1
C1022	065G040233031J Y	9JR6500000237	CAP CHIP 0402 33P 50V NP0 +/-5%	1

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C1023	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1024	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1031	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NP0 +/-5%	1
C1033	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1034	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1035	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1036	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1037	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1038	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1039	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1040	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1041	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1048	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1049	065G040210031D Y	9JR6500000437	CAP CHIP 0402 10PF D 50V NPO	1
C1050	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1051	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1052	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1053	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1054	065G040215031J Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1055	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1056	065G040215031J Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1057	065G040215031J Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1058	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1059	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1060	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1061	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1062	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1063	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1064	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1065	065G040247312K A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1066	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1067	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1068	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1069	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1070	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1071	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C1072	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1073	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1074	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1075	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1076	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1077	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1078	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1079	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1080	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1081	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1082	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1083	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1085	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1086	065G040247031J Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1088	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1089	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1090	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1091	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C1092	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NP0 +/-5%	1
C1093	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C1094	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NP0 +/-5%	1
C1095	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C1096	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C1097	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C1098	065G080547517Z Y	9JR6500000426	CAP CHIP 0805 4U7 16V Y5V Z	1
C1099	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NP0 +/-5%	1
C1100	065G040210131J Y	9JR6500000319	CAP CHIP 0402 100P 50V NP0 +/-5%	1
C1101	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C1102	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1103	065G040282132K Y	9JR6500000416	CAP CHIP 0402 820P 50V X7R +/-10%	1
C1104	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1

C1105	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1106	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1107	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1150	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1151	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1152	065G0402105A5K	Y	9JR6500000438	CAP 0402 1UF 10% 10V X5R	1
C1153	065G040215232K	Y	9JR6500000439	CAP CHIP 0402 1.5NF 50V X7R	1
C1154	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1155	065G040250931C	Y	9JR6500000441	CAP 0402 5PF 0.25pF 50V NP0	1
C1156	065G040215031J	Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1157	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1158	065G040250931C	Y	9JR6500000441	CAP 0402 5PF 0.25pF 50V NP0	1
C1159	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1160	065G040215031J	Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1161	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1162	065G040215031J	Y	9JR6500000234	CAP CHIP 0402 15pF J 50V NPO	1
C1163	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1164	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1165	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1167	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1168	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1170	065G040250931C	Y	9JR6500000441	CAP 0402 5PF 0.25pF 50V NP0	1
C1171	065G040250931C	Y	9JR6500000441	CAP 0402 5PF 0.25pF 50V NP0	1
C1172	065G040250931C	Y	9JR6500000441	CAP 0402 5PF 0.25pF 50V NP0	1
C1173	065G040215232K	Y	9JR6500000439	CAP CHIP 0402 1.5NF 50V X7R	1
C1174	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1175	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1176	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1178	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1179	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1180	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1181	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1183	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C1185	065G040247312K	A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1187	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1188	065G040247312K	A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1191	065G040247312K	A	9JR6500000394	CAP 0402 47NF 10% 16V X7R	1
C1192	065G040247031J	Y	9JR6500000203	CAP CHIP 0402 47pF 50V NPO +/-5%	1
C1193	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1194	065G040210332K	Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C1195	065G060333031J	Y	9JR6500000290	CAP CHIP 0603 33P 50V NP0 +/-5%	1
C1196	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C1197	065G0805106A7Z	Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C4000	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4001	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4002	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4003	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4004	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4005	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4006	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4007	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4008	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4009	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4010	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4011	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4012	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4013	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4014	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4015	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4016	065G0805106A5K	T	9JR6500000424	CHIP 10uF 10V X5R 0805	1
C402	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C404	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4050	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4051	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4052	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4053	065G040210412K	A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1

LC-26SH330, LC-32SH330, LC-42SH330

C4054	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4055	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4056	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4057	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4058	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4059	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C406	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4060	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4061	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4062	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C4063	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V 6.3*7	1
C4064	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C4067	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C4068	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C4069	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C407	067G215H151 4C	9JR6700000218	EC 150UF 20% 25V SY 8*7	1
C4100	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4101	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4102	067G 3111013LT	9JR6700000213	EC SMD 100UF 20% 16V 6.3*5.7	1
C4103	067G 3111013LT	9JR6700000213	EC SMD 100UF 20% 16V 6.3*5.7	1
C4104	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4105	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4106	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4107	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4108	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4109	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4110	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C4111	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C4112	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4113	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4114	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4115	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4116	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C4117	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4118	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4119	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4120	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4121	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4122	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4123	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4124	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4125	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4126	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4127	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4128	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4129	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4130	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C4150	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C4151	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C4152	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4154	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4155	065G060310432K A	9JR6500000398	CAP 0603 100NF 10% 50V X7R	1
C4156	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4157	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C4158	065G060322517Z Y	9JR6500000259	CAP CHIP 0603 2U2 16V Y5V -20%~+80%	1
C4159	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C4160	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C4161	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C4163	065G040210031D Y	9JR6500000437	CAP CHIP 0402 10PF D 50V NPO	1
C4164	065G040210031D Y	9JR6500000437	CAP CHIP 0402 10PF D 50V NPO	1
C4165	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C4166	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4167	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4168	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C4169	065G060310605M Y	9JR6500000417	CAP CHIP 0603 10uF 6.3V X5R +/-20%	1
C4201	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C4202	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1

C4203	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4204	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C4207	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C501	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C502	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C503	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C504	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C505	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C506	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C507	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C508	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C509	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C510	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C511	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C513	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C514	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C515	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C516	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C517	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C519	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C520	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C521	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C601	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C602	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C603	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C604	067G 3112214CT	9JR6700000223	EC SMD 220UF 25V HV 8*10.5	1
C605	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C606	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C608	065G0603225A5K T	9JR6500000419	CAP 0603 2.2UF 10% 10V X5R	1
C609	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C610	065G0603225A5K T	9JR6500000419	CAP 0603 2.2UF 10% 10V X5R	1
C611	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C613	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C614	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C615	065G080510522K Y	9JR6500000170	CAP CHIP 0805 1U 25V X7R +/-10%	1
C616	065G060310525K 3	9JR6500000442	MLCC CAP 0603 1uF 25V X5R +/-10%	1
C617	065G060310525K 3	9JR6500000442	MLCC CAP 0603 1uF 25V X5R +/-10%	1
C618	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C619	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C620	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C621	065G060347412K Y	9JR6500000293	CAP CHIP 0.47uF 16V +/-10% X7R	1
C622	065G060347412K Y	9JR6500000293	CAP CHIP 0.47uF 16V +/-10% X7R	1
C623	065G060347412K Y	9JR6500000293	CAP CHIP 0.47uF 16V +/-10% X7R	1
C624	065G060347412K Y	9JR6500000293	CAP CHIP 0.47uF 16V +/-10% X7R	1
C625	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C626	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C627	065G060322422K Y	9JR6500000402	CAP 0603 220N 25V X7R 10%	1
C628	065G060322422K Y	9JR6500000402	CAP 0603 220N 25V X7R 10%	1
C629	065G060322422K Y	9JR6500000402	CAP 0603 220N 25V X7R 10%	1
C630	065G060322422K Y	9JR6500000402	CAP 0603 220N 25V X7R 10%	1
C631	065G080533432K A	9JR6500000425	CAP 0805 330NF 10% 50V X7R	1
C632	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C633	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C634	067G 3112217CT	9JR6700000215	EC SMD 220UF 20% 50V HV 10*10.5	1
C636	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C638	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C641	065G040210232K Y	9JR6500000225	CAP CHIP 0402 1N 50V X7R +/-10%	1
C642	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C643	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C644	065G04022232K Y	9JR6500000201	CAP CHIP 0402 2N2 50V X7R +/-10%	1
C645	065G04022232K Y	9JR6500000201	CAP CHIP 0402 2N2 50V X7R +/-10%	1
C646	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C647	065G040210332K Y	9JR6500000232	CAP CHIP 0402 10N 50V X7R +/-10%	1
C702	067G215C4713LV	9JR6700000216	EC 470uF 20% 16V RXY 8*9	1
C705	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C706	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1

LC-26SH330, LC-32SH330, LC-42SH330

C707	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C708	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C709	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C711	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C712	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C713	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C714	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C715	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C716	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C717	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C718	065G060310432K Y	9JR6500000251	CAP 0603 100NF 10% 50V X7R	1
C719	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C720	065G060356131J Y	9JR6500000445	CAP CHIP 0603 560pF J 50V NP0	1
C721	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C722	065G060356131J Y	9JR6500000445	CAP CHIP 0603 560pF J 50V NP0	1
C723	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C724	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C725	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C726	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C727	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C728	065G1206226A5K T	9JR6500000429	CAP CHIP1206 22uF K 10V X5R	1
C729	065G120610612K T	9JR6500000427	CAP 1206 10UF 10% 16V X7R	1
C730	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C733	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C734	067G215H101 4C	9JR6700000217	EC 100UF 20% 25V SY 8*7	1
C752	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V 6.3*7	1
C753	067G305M1013CB	9JR7100000091	EC 100UF 20% 16V 6.3*7	1
C754	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C755	065G0603475A5K T	9JR6500000421	CAP CHIP 0603 4.7UF K 10V X5R	1
C756	065G040210412K A	9JR6500000391	CAP CHIP 0402 100nF K 16V X7R	1
C758	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C764	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C765	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C766	065G060310512K 3	9JR6500000204	CAP 0603 1UF 10% 16V X7R	1
C767	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
C768	065G080510615K Y	9JR6500000446	CAP CHIP 0805 10uF K 16V X5R	1
C769	065G0805106A7Z Y	9JR6500000311	CAP CHIP 0805 10U 10V Y5V -20~+80%	1
CN101	088G353A15FCSL	9JR8800000115	D-SUB CONN V/T 15P BLUE -	1
CN102	088G 302 69 YG	9JR8800000099	PHONE JACK V/T 3P GREEN H=10.5	1
CN103	088G 352 14 YG	9JR8800000102	USB CONN A TYPE SPRING	1
CN111	088G 78 13 80 YG	9JR8800000109	RCA JACK 1*5 G/BL/R/W/R V/T 10.5mm	1
CN136	088G 7813C75C	9JR8800000098	RCA JACK R/A Y/W/R 1*3 H=12	1
CN140	088G 7813C57C	9JR8800000091	RCA JACK V/T 4P W/R 1*1	1
CN151	088G 35521G C	9JR8800000104	SCART CONN. 21P V/T 10.5mm	1
CN152	088G 35521G C	9JR8800000104	SCART CONN. 21P V/T 10.5mm	1
CN159	088G 50019A VA	9JR8800000105	PCMICA CARD R/A 68P BLACK H=9.4	1
CN401	033G380213B Y	9JR3300000073	WAFER 2.0mm 13P V/T 27.95mm 5.1mm	1
CN408	033G8033 40 X	9JR3300000063	CON. V 2*20P M 1.25 SM S1312-40SVA-1R	1
CN413	033G3802 5B Y	9JR3300000079	CONNECTOR 5P 2.0	1
CN501	088G 34019H VT	9JR8800000093	HDMI HEADER 19P BLACK -	1
CN502	088G 34019H VT	9JR8800000093	HDMI HEADER 19P BLACK -	1
CN506	088G 34019KA1V	9JR8800000113	HDMI HEADER R/A 19P BLACK H=8.4	1
CN601	033G3278 4D	9JR3300000076	2.5mm Pitch Wafer	1
CN602	088G 30211K	9JR8800000058	PHONE JACK 7PIN	1
CN603	088G 78 8A 14 YG	9JR8800000111	RCA JACK 1P BLK 10.5mm V/T	1
CN701	033G327813D	9JR3300000077	CONNECTOR	1
D1050	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1051	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1052	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1053	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1054	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1055	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1056	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1057	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1058	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1059	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1060	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1

D1061	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1062	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1063	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1064	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1065	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1066	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1150	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1151	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1152	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1153	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1154	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1155	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1156	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1157	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1158	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1159	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1160	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1161	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1166	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1167	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1170	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1171	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1172	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D1173	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D4050	093G 64 33	9JR9300000113	SWITCHING BAV99 0.2A 85V SOT-23	1
D4051	093G 6433L	9JR9300000198	DIODE LBAV99LT1G SOT-23 LRC	1
D4151	093G 6433L	9JR9300000198	DIODE LBAV99LT1G SOT-23 LRC	1
D4152	093G 6433L	9JR9300000198	DIODE LBAV99LT1G SOT-23 LRC	1
D501	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D502	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D503	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D504	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D505	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D506	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D507	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D508	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D509	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D510	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D511	093G 60518SEM	9JR9300000183	DIODE BAT54C-HAF 300mA/30V SOT-23	1
D603	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D604	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D606	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D607	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D608	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D702	093G 60S922 T	9JR9300000167	DIODE FB340M DO-222AA	1
D703	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
D704	093G 64S900 T	9JR9300000107	DIODE BAS316 SOD-323 PHILIPS	1
FB1000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1002	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1003	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1004	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1005	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1006	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB1007	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1009	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1011	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1012	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1013	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1014	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1017	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1018	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1020	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1021	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1022	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1023	071G 59C600 TA	9JR7100000044	CHIP BEAD 60ohm 600mA FCM1608CF-600T06	1
FB1024	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1

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FB1025	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB1052	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1053	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1054	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1158	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1159	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1160	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1161	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1162	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1163	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1164	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1165	071G 59C800 TA	9JR7100000066	CHIP BEAD 80R 400mA FCM16008CF-800T04	1
FB1166	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB1167	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB1168	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4000	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB402	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB403	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB4057	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4058	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4060	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB4100	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4151	071G 59D121 TA	9JR7100000033	CHIP BEAD 120R/600mA FCM1608KF-121T06	1
FB4152	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB4200	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB501	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB502	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB503	071G 59C601 TA	9JR7100000032	CHIP BEAD 600R/200mA FCM1608K-601T02	1
FB504	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB505	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB601	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB605	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB606	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB701	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB702	071G 59A121 TA	9JR7100000031	CHIP BEAD 120R/3000mA HCB1608KF-121T30	1
FB704	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB705	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB706	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB707	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
FB751	071G 56A221 TA	9JR7100000039	IND FXD 0805 EMI 100MHZ 220R R	1
L1000	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +/-10% 0.8R	1
L1001	073G 63228 TA	9JR7300000079	CHIP INDUCTOR 1608 0.22UH +/-10% 0.8R	1
L1002	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +/-10% 0.85R	1
L1003	073G 63338 TA	9JR7300000080	CHIP INDUCTOR 1608 0.33UH +/-10% 0.85R	1
L1050	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L1051	073G 63189 TA	9JR7300000056	CHIP INDUCTOR 1U8 10% FCI1608F-1R8K	1
L401	073G253S901 TA	9JR7300000097	COMMON FILTER CHOKE 90R 20% 0.4A	1
L402	073G253S901 TA	9JR7300000097	COMMON FILTER CHOKE 90R 20% 0.4A	1
L4150	073G 63828 TA	9JR7300000057	CHIP INDUCTOR 0603 0.82uH 10%	1
L601	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L602	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L603	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L604	073G 259903 T	9JR7300000083	CHOKE 47uH+/-10% TSL0808RA-470K1R2-PF	1
L701	073G253S 46 S	9JR7300000084	SMD CHOKE 4.7uH	1
L702	073G253S 46 S	9JR7300000084	SMD CHOKE 4.7uH	1
Q1050	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1051	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1052	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1053	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1054	057G 417512	9JR5700000069	MMBT3906	1
Q1055	057G 417512	9JR5700000069	MMBT3906	1
Q1150	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q1151	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1152	057G 760900	9JR5700000057	DIGITAL TR DTC623TK SMT3	1
Q1153	057G 417512	9JR5700000069	MMBT3906	1
Q1154	057G 417512	9JR5700000069	MMBT3906	1
Q1155	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1

Q1156	057G 763904	9JR5700000038	TRA FET 2N7002 SOT-23 PHILIPS	1
Q1157	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q401	057G 417511	9JR5700000001	MMBT3904	1
Q402	057G 417511	9JR5700000001	MMBT3904	1
Q501	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q502	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q503	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q504	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q505	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q506	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q507	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q508	057G 763910	9JR5700000073	FET 2SK1828 TO-236MOD	1
Q601	057G 477904 T	9JR5700000053	TRA BC847BW 100mA/45V SOT-323	1
Q602	057G 761902 T	9JR5700000059	TRA BC857BW 100mA/50V SOT-323	1
Q605	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q701	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q702	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q703	057G 763913	9JR5700000065	MOSFET AO6415 TSOP6	1
Q704	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q705	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
Q750	057G 763941	9JR5700000089	MOSFET AON4421 DFN	1
Q751	057G 761516	9JR5700000100	SMALLTRAN BC847C 0.1 50 SOT-23	1
R1002	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1003	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1004	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1005	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1006	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1007	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1008	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1010	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1011	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R1012	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R1013	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1017	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1018	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1019	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1021	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1025	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1031	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1032	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1033	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1038	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1039	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1041	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1042	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1043	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1044	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1045	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1046	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1047	061G0402510 JI	9JR6100000926	RST 0402 51R 5% 1/16W	1
R1048	061G0402510 JI	9JR6100000926	RST 0402 51R 5% 1/16W	1
R1049	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1050	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1051	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1052	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1060	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1061	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1062	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1063	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1064	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1065	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1066	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1067	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1068	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1069	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1070	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1

LC-26SH330, LC-32SH330, LC-42SH330

R1071	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1072	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1073	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1074	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1075	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1076	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1077	061G06031002FI	9JR6100000848	RST 0603 10K 1% 1/10W TA-I	1
R1078	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1079	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1080	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1081	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1083	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1084	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1085	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R1086	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1087	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1088	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R1089	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1090	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1091	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1092	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R1093	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R1094	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1095	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1096	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R1097	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1098	061G06031002FI	9JR6100000848	RST 0603 10K 1% 1/10W TA-I	1
R1099	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1100	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1101	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1102	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1103	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R1104	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R1105	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W	1
R1106	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1107	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R1108	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1109	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1110	061G0603472 JI	9JR6100000865	RST 0603 4.7K 5% 1/10W TA-I	1
R1111	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W	1
R1112	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W	1
R1113	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1114	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R1115	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1116	061G0603472 JI	9JR6100000865	RST 0603 4.7K 5% 1/10W TA-I	1
R1117	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1118	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R1119	061G0603363 JI	9JR6100000950	RST 0603 36K 5% 1/10W	1
R1121	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1122	061G0402222 JI	9JR6100000840	TEST ONLY RST 0402 2.2K 5% 1/16W TA-I	1
R1125	061G0402222 JI	9JR6100000840	TEST ONLY RST 0402 2.2K 5% 1/16W TA-I	1
R1126	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1127	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1129	061G0603750 JF	9JR6100000957	RST CHIPR 75OHM +- 5% 1/10W FENGHUA	1
R1130	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1131	061G0402513 JF	9JR6100000928	RST CHIP 51K 1/16W 5% FENGHUA	1
R1132	061G0402513 JF	9JR6100000928	RST CHIP 51K 1/16W 5% FENGHUA	1
R1133	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1134	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1135	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1136	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1137	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1138	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1150	061G0603303 JF	9JR6100000946	RST CHIP R 30KOHM 1/16W +/-5% FENGHUA	1
R1151	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1152	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1153	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1

R1154	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1155	061G0402303 JF	9JR6100000918	RST CHIP R 30Kohm 1/16W +/-5% FENGHUA	1
R1156	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1157	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1158	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1159	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1160	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1161	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1162	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1163	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1164	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1165	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1166	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1167	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1168	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1169	061G04025609FI	9JR6100000843	TEST ONLY RST 0402 56R 1% 1/16W TA-I	1
R1170	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1171	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1172	061G0402180 JF	9JR6100000915	RST CHIPR 18 OHM +-5% 1/16W FENGHUA	1
R1173	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1174	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1175	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1176	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1177	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1178	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1179	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1180	061G0402680 JF	9JR6100000929	RST CHIPR 68 OHM +-5% 1/16W FENGHUA	1
R1181	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1182	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R1183	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1184	061G0402152 JF	9JR6100000914	RST CHIPR 1.5KOHM +-5% 1/16W FENGHUA	1
R1185	061G0402152 JF	9JR6100000914	RST CHIPR 1.5KOHM +-5% 1/16W FENGHUA	1
R1186	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1187	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1188	061G0603472 JI	9JR6100000865	RST 0603 4.7K 5% 1/10W TA-I	1
R1189	061G06032400FF	9JR6100000942	RST CHIPR 240 OHM +-1% 1/10W FENGHUA	1
R1190	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1191	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1192	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1193	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1194	061G0603101 JI	9JR6100000849	RST 0603 100R 5% 1/10W TA-I	1
R1195	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R1196	061G0603101 JI	9JR6100000849	RST 0603 100R 5% 1/10W TA-I	1
R1197	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1198	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R1199	061G0402750 JI	9JR6100000930	TEST ONLY RST 0402 75R 5% 1/16W TA-I	1
R1200	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1201	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1202	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R1203	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R1204	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R1205	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R1206	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R1207	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R1208	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R1209	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R1210	061G0603222 JF	9JR6100000940	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	1
R1211	061G0603222 JF	9JR6100000940	RST CHIPR 2.2K OHM +-5% 1/10W FENGHUA	1
R1212	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R4000	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4001	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4003	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4004	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4005	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4006	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4050	061G06035600FF	9JR6100000954	RST CHIPR 560 OHM +-1% 1/10W FENGHUA	1

LC-26SH330, LC-32SH330, LC-42SH330

R4051	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4052	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4056	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4057	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4058	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4059	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R406	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R4060	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4061	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4062	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4063	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R407	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R408	061G0603101 JI	9JR6100000849	RST 0603 100R 5% 1/10W TA-I	1
R409	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4100	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4101	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4102	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4103	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4104	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4105	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4106	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4107	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4108	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R4109	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R411	061G0603102 JI	9JR6100000850	TEST ONLY RST 0603 1K 5% 1/16W TA-I	1
R4110	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4111	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4112	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R413	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R414	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R4151	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4152	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
R4153	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R4154	061G06036801FF	9JR6100000956	RST CHIPR 6.8KOHM +-1% 1/10W FENGHUA	1
R4156	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4157	061G0603101 JT	9JR6100000622	RST CHIP 100R 1/10W 5% TZAI YUAN	1
R4158	061G0402331 JF	9JR6100000920	RST CHIP 330R 1/16W 5% FENGHUA	1
R4159	061G0603101 JI	9JR6100000849	RST 0603 100R 5% 1/10W TA-I	1
R4160	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4161	061G0603102 JT	9JR6100000623	RST CHIP 1K 1/10W 5% TZAI YUAN	1
R4162	061G0603163 JF	9JR6100000936	RST CHIPR 16KOHM 5% 1/10W FENGHUA	1
R4163	061G0603163 JF	9JR6100000936	RST CHIPR 16KOHM 5% 1/10W FENGHUA	1
R4164	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4165	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R4166	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4167	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4168	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4169	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4170	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4171	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R4172	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R4173	061G04023901FI	9JR6100000921	TEST ONLY RST 0402 3.9K 1% 1/16W TA-I	1
R4174	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4175	061G06031000FF	9JR6100000932	RST CHIPR 100 OHM +-1% 1/10W FENGHUA	1
R4176	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R4177	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R4179	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R418	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4180	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R4181	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R4182	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4183	061G0603331 JF	9JR6100000948	RST CHIPR 330OHM +-5% 0603	1
R4184	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4185	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4186	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4187	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4188	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1

R4189	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R419	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4190	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4191	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4192	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R4194	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4195	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4196	061G0402471 JI	9JR6100000923	TEST ONLY RST 0402 470R 5% 1/16W TA-I	1
R4197	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4199	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R420	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R4200	061G0603472 JI	9JR6100000865	RST 0603 4.7K 5% 1/10W TA-I	1
R4201	061G0603472 JI	9JR6100000865	RST 0603 4.7K 5% 1/10W TA-I	1
R4202	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4203	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4204	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4205	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4206	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4207	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4208	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4209	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4210	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4211	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4212	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4213	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4214	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4215	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4216	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4217	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4218	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4219	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4220	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4221	061G0402220 JI	9JR6100000839	TEST ONLY RST 0402 22R 5% 1/16W TA-I	1
R4222	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R4223	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R4224	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R4225	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R4226	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R4227	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R4229	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4230	061G0603470 JF	9JR6100000952	RST CHIPR 470OHM +-5% 1/10W FENGHUA	1
R4231	061G0603104 JI	9JR6100000852	TEST ONLY RST 0603 100K 5% 1/16W TA-I	1
R4232	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R4233	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R4234	061G0603470 JF	9JR6100000952	RST CHIPR 470OHM +-5% 1/10W FENGHUA	1
R501	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R502	061G0603273 JF	9JR6100000943	RST CHIPR 27KOHM 5% 1/10W FENGHUA	1
R503	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R504	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R507	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R508	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R509	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R510	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R511	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R512	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R514	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1
R515	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R516	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R517	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R518	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R519	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R520	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R521	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R522	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R524	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R525	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1

LC-26SH330, LC-32SH330, LC-42SH330

R526	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R527	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R528	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R529	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R530	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R531	061G0402474 JF	9JR6100000925	RST CHIP 470KOHM 5% 1/16W FENGHUA	1
R532	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R533	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R534	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R535	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R536	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R537	061G0603473 JI	9JR6100000866	TEST ONLY RST 0603 47K 5% 1/16W TA-I	1
R538	061G0402330 JF	9JR6100000919	RST CHIPR 33 OHM +-5% 1/16W FENGHUA	1
R539	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R540	061G0603472 JI	9JR6100000865	RST 0603 4.7K 5% 1/10W TA-I	1
R541	061G0603472 JI	9JR6100000865	RST 0603 4.7K 5% 1/10W TA-I	1
R545	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R546	061G06034641FI	9JR6100000951	RST 0603 4.64K 1% 1/10W TA-I	1
R547	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R548	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R549	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R550	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R562	061G06035101FF	9JR6100000953	RST 0603 5.1K 1% 1/10W	1
R564	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R565	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R566	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R567	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R568	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R569	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R570	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1
R601	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R604	061G0402223 JI	9JR6100000916	TEST ONLY RST 0402 22K 5% 1/16W TA-I	1
R605	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R606	061G0402104 JI	9JR6100000837	TEST ONLY RST 0402 100K 5% 1/16W TA-I	1
R607	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R608	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R609	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R611	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R612	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R613	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R614	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R615	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R617	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R618	061G0603100 JI	9JR6100000846	TEST ONLY RST 0603 10R 5% 1/16W TA-I	1
R622	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R624	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R627	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R628	061G0402473 JI	9JR6100000924	TEST ONLY RST 0402 47K 5% 1/16W TA-I	1
R629	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R630	061G1206100 JF	9JR6100000961	RST CHIPR 10 OHM +-5% 1/4W FENGHUA	1
R631	061G0402512 JF	9JR6100000927	RST CHIP 5K1 1/16W 5% FENGHUA	1
R632	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R634	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R637	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R638	061G04021000FI	9JR6100000913	RST 0402 100R 1% 1/16W TA-I	1
R639	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R640	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R641	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R642	061G0402100 JI	9JR6100000912	RST 0402 10R 5% 1/16W TA-I	1
R643	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R644	061G0402000 JI	9JR6100000833	RST 0402 0.05R MAX 1/16W	1
R647	061G04024700FF	9JR6100000922	RST CHIP 470R 1/16W 1% FENGHUA	1
R648	061G04024700FF	9JR6100000922	RST CHIP 470R 1/16W 1% FENGHUA	1
R701	061G0603223 JI	9JR6100000941	RST 0603 22K 5% 1/10W TA-I	1
R702	061G0603333 JF	9JR6100000949	RST CHIPR 33KOHM 1/10W FENGHUA	1
R703	061G0805103 JF	9JR6100000960	RST CHIPR 10K OHM +-5% 1/8W FENGHUA	1
R704	061G0402101 JI	9JR6100000834	TEST ONLY RST 0402 100R 5% 1/16W TA-I	1

R705	061G0402272 JF	9JR6100000917	RST CHIP 2K7 1/16W 5% FENGHUA	1
R707	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R708	061G0603333 JF	9JR6100000949	RST CHIPR 33KOHM 1/10W FENGHUA	1
R710	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R711	061G0603223 JI	9JR6100000941	RST 0603 22K 5% 1/10W TA-I	1
R712	061G0402102 JI	9JR6100000835	TEST ONLY RST 0402 1K 5% 1/16W TA-I	1
R714	061G0402472 JI	9JR6100000841	TEST ONLY RST CHIP 4.7K 5% 1/16W TA-I	1
R715	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R716	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R717	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R718	061G06031001FI	9JR6100000847	TEST ONLY RST 0603 1K 1% 1/10W TA-I	1
R719	061G06031501FI	9JR6100000935	TEST ONLY RST 0603 1.5K 1% 1/10W TA-I	1
R720	061G06033001FI	9JR6100000944	TEST ONLY RST 0603 3K 1% 1/10W TA-I	1
R721	061G06031002FI	9JR6100000848	RST 0603 10K 1% 1/10W TA-I	1
R722	061G06031002FI	9JR6100000848	RST 0603 10K 1% 1/10W TA-I	1
R723	061G06033002FF	9JR6100000945	RST CHIPR 30KOHM +-1% 1/10W FENGHUA	1
R725	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R726	061G0603000 JI	9JR6100000931	RST 0603 0.05R MAX 1/10W TA-I	1
R727	061G12060004JF	9JR6100000872	RST CHIPR MAXOR05 4A 1/4W FENGHUA	1
R731	061G06035609FF	9JR6100000955	RST CHIPR 56 OHM +-1% 1/10W FENGHUA	1
R750	061G0402103 JI	9JR6100000836	TEST ONLY RST 0402 10K 5% 1/16W TA-I	1
R752	061G0603512 JI	9JR6100000868	TEST ONLY RST 0603 5.1K 5% 1/16W TA-I	1
R753	061G12060004JF	9JR6100000872	RST CHIPR MAXOR05 4A 1/4W FENGHUA	1
R755	061G0603103 JI	9JR6100000851	RST 0603 10K 5% 1/10W	1
R756	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R757	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
R758	061G0603752 JI	9JR6100000959	TEST ONLY RST 0603 7.5K 5% 1/16W TA-I	1
R759	061G06032002FF	9JR6100000937	RST CHIPR 20KOHM +-1% 1/10W FENGHUA	1
R760	061G06032202FF	9JR6100000939	RST CHIPR 22KOHM +-1% 1/10W FENGHUA	1
R761	061G06034701FF	9JR6100000863	RST CHIPR 4.7KOHM +-1% 1/10W	1
R762	061G06031200FF	9JR6100000934	RST CHIPR 120 OHM +-1% 1/10W FENGHUA	1
R763	061G0603109 JF	9JR6100000933	RST CHIP 1R 1/10W 5% FENGHUA	1
RP1000	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1001	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1002	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP1003	061G 1260008JY	9JR6100000873	RST CHIP AR 8P4R 0 OHM +-5% 1/16W	1
RP4100	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4101	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4102	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4103	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4104	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4105	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4106	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4107	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4108	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4109	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4110	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
RP4111	061G 1265608JY	9JR6100000874	RST CHIP ARRAY 56R 1/16W 5% 8P4R	1
TH4050	061G 56A050 WT	9JR6100000432	SMD PTC 0.5A KMC3S050RY 1206	1
TU101	094G DVB T12G	9JR9400000009	TUNER DVB-T With Analog TDTW-S810D(M)	1
U101	056G 575 14	9JR5600000174	IC Si2163 QFN-36	1
U102	056G 623906	9JR5600000078	IC NLASB3157DFT2G SC-88	1
U106	056G 616914	9JR5600000186	IC RC4580IPWR TSSOP8	1
U107	056G 616914	9JR5600000186	IC RC4580IPWR TSSOP8	1
U108	056G 133507	9JR5600000170	LDO AS78L12RTR-G1 0.1A 12V SOT-89	1
U110	056G1133913	9JR5600000107	EEPROM M24C02-WDW6P 2Kb TSSOP8	1
U401	056G 562355	9JR5600000192	SCALER MT5363LYYG BGA 27*27mm	1
U402	056G 615117	9JR5600000233	DRAM W9751G6JB-18 WBGA-84 512Mb	1
U403	056G 615117	9JR5600000233	DRAM W9751G6JB-18 WBGA-84 512Mb	1
U4051	705TZA56281	9JR7050000470	NAND FLASH ASSY (U4051)	1
U409	705TZA56282	9JR7050000471	Serial IIC EEPROM Assy (U409)(AUO-LG)	1
U410	056G 643 46	9JR5600000200	IC Reset AZ809ANSTR-E1 SOT-23 2.93V	1
U411	056G 665528	9JR5600000180	IC G5250M1T1U 1A SOT23-5	1
U4150	056G 623906	9JR5600000078	IC NLASB3157DFT2G SC-88	1
U501	056G 623 33	9JR5600000187	IC TMDS351PAG TQFP-64	1
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LC-26SH330, LC-32SH330, LC-42SH330

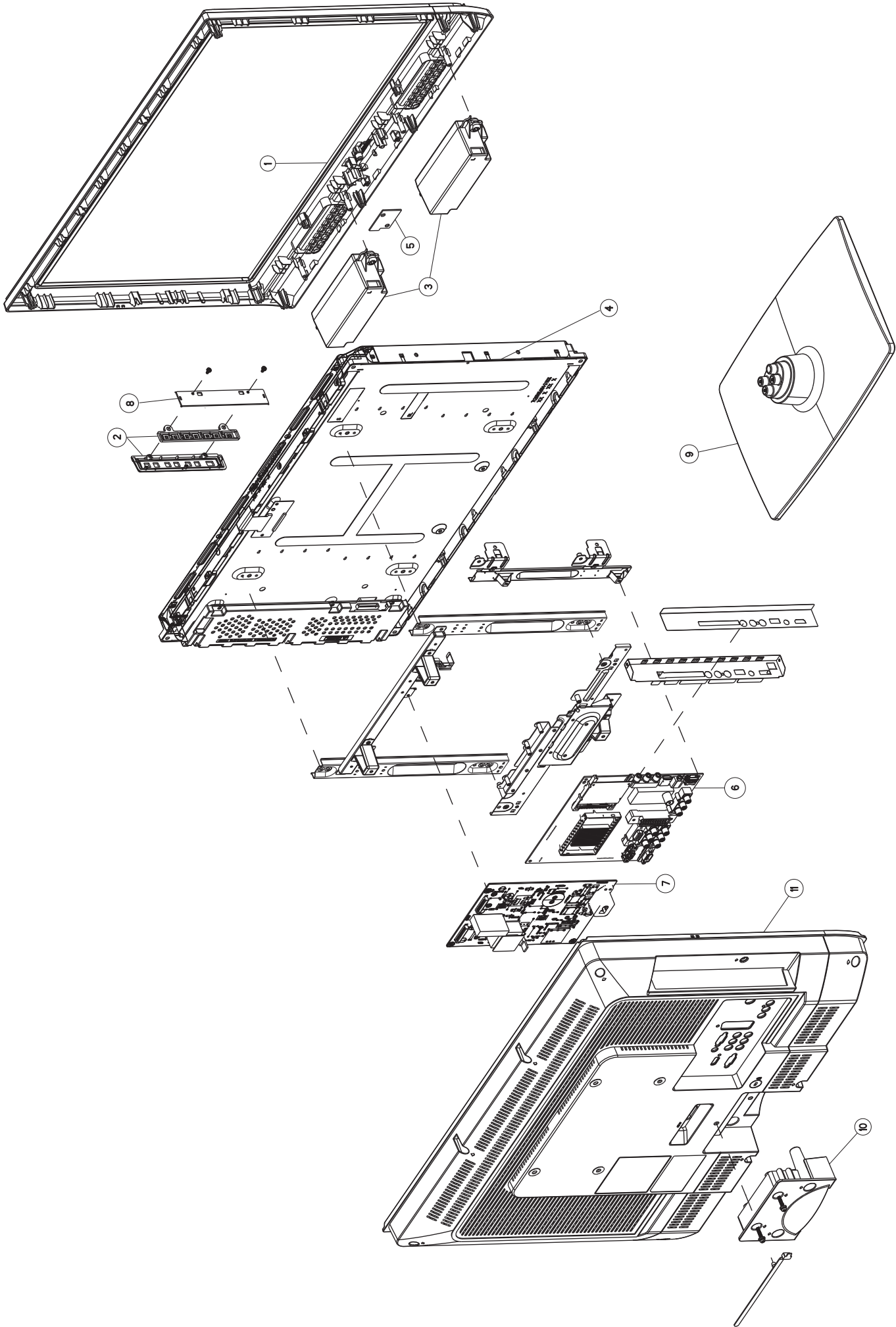
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U601	056G 616 54	9JR5600000178	IC TPA3110D2 15W TSSOP-28	1
U602	056G 616 59	9JR5600000179	IC TPA6132A2RTER 25mW QFN-16	1
U701	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U702	056G 563203	9JR5600000173	IC MP2212DN SOIC8E	1
U703	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U751	056G 563129	9JR5600000090	IC AME8810-AEGTZ 0.6A/3.3V SOT-223	1
U753	056G 585 8	9JR5600000175	AZ1117D-ADJTRE1 TO-252-2	1
U754	056G 133 30AAC	9JR5600000169	AZ1117H-ADJ-E1	1
U755	056G 563964	9JR5600000059	IC SC4215HSETRT SO-8	1
X1000	093G 22S928 C	9JR9300000166	CRYSTAL 7B16000195 16MHz 30ppm 20pf	1
X4150	093G 22S922 C	9JR9300000126	Crystal 54Mhz 10p SMD-49	1
ZD1051	093G 39S 40 T	9JR9300000103	RLZ 13B LLDS	1
ZD1052	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1055	093G 39S 40 T	9JR9300000103	RLZ 13B LLDS	1
ZD1056	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1057	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1063	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1064	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1065	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1066	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1067	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1068	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1150	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1151	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1152	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1153	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1154	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1155	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1160	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1161	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1162	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1163	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
ZD1169	093G 39S 34 T	9JR9300000102	UDZSNP5.6B ROHM	1
1054	ADTVA2420SA3	9JR9900000160	POWER PCB ASSY	1
BD901	093G 50460912	9JR9300000199	BRIDGE TS6B06G 6A/800V	1
C900	065G306M1522B3	9JR6500000317	Y1 CAP 1500pF / 250V.	1
C901	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C902	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C903	065G306M1522B3	9JR6500000317	Y1 CAP 1500pF / 250V.	1
C904	065G306M1022B3	9JR6500000186	Y1 CAP 1000PF M 250VAC TDK	1
C907	067G 4012115C	9JR6700000143	EC 120uF 450V HS 30x26mm	1
C908	063G107K224 UM	9JR6300000015	X2 CAP 0.22uF K 275VAC	1
C909	063G107K474 UM	9JR6300000017	CAP X2 470NF 10% 275VAC MPX	1
C910	063G210J3334CC	9JR6300000018	CAP MPP 33NF 630V 5%	1
C912	065G080522517Z Y	9JR6500000313	CAP CHIP 0805 2.2UF Z 16V Y5V	1
C913	065G080510232K Y	9JR6500000110	CAP CHIP 0805 1N 50V X7R +/-10%	1
C916	065G080533422K 3	9JR6500000315	330NF 10% 25V X7R	1
C920	065G080533422K 3	9JR6500000315	330NF 10% 25V X7R	1
C922	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C923	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C924	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C925	065G080547131J Y	9JR6500000333	CAP CHIP 0805 470P 50V NPO +/-5%	1
C926	065G 1K1529AT	9JR6500000306	C CAP. 1500PF 1KV	1
C927	065G080533232K Y	9JR6500000332	CAP 0805 3.3NF 10% 50V X7R	1
C928	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1
C929	065G 1K3319AT	9JR6500000330	C CAP. 330PF 1KV RR	1
C930	065G 1K1019AT	9JR6500000222	C CAP. 100PF 1KV RR	1
C931	065G 1K1019AT	9JR6500000222	C CAP. 100PF 1KV RR	1
C932	065G080510332K Y	9JR6500000199	CAP CHIP 0805 10N 50V X7R +/-10%	1
C933	065G120610537Z Y	9JR6500000483	CER 1206 1U 50V Y5V -20%+80%	1
C934	067G 305470 4T	9JR6700000172	NO-SUGGEST 105C RADIAL E-CAPACTOR 47uF 2	1
C935	063G211J105GMC	9JR6300000016	CAP MPPB 1UF 5% 450V	1
C936	067G 305470 4T	9JR6700000172	NO-SUGGEST 105C RADIAL E-CAPACTOR 47uF 2	1
C937	065G080510332K Y	9JR6500000199	CAP CHIP 0805 10N 50V X7R +/-10%	1
C939	065G080510432K Y	9JR6500000168	CAP CHIP 0805 100N 50V X7R +/-10%	1

C940	064G 47J1031AT EU	9JR6400000003	F/C PPN 0.01uF 100V 5% EUROPTRONIC	1
C941	065G080533422K 3	9JR6500000315	330NF 10% 25V X7R	1
C942	065G080510332K Y	9JR6500000199	CAP CHIP 0805 10N 50V X7R +/-10%	1
C945	065G517K1522AT	9JR6500000223	CER2 DC B 500V S 1N5 PM10 A	1
C951	067G 515681 7C	9JR6700000166	EC 680UF 50V GF 13*25mm	1
C952	067G 515681 7C	9JR6700000166	EC 680UF 50V GF 13*25mm	1
C955	067G 515272 3C	9JR6700000165	EC 2700uF 16V GF 13*25mm	1
C956	067G215L4714CT	9JR6700000057	EC 470UF 25V GL 10*16mm	1
C959	067G 3052207KT	9JR6700000187	EC 22UF 20% 50V 5*11	1
C966	067G 3051007CT	9JR7100000069	EC 10UF/50V KM 5*11mm	1
C967	067G 3051016CT	9JR6700000171	EC 100uF 35V KM 8x11.5mm	1
C968	065G080522432K 3	9JR6500000331	CAP CHIP 0805 220N 50V X7R +/-10%	1
C969	067G 3053307CT	9JR6700000054	EC 33uF 50V KM 6.3x11mm	1
C970	067G 3051007CT	9JR7100000069	EC 10UF/50V KM 5*11mm	1
CN901	087G 501908 S	9JR8700000003	AC SOCKET 2P ST58-BBAN-0000	1
CN902	095G 82513XA03	9JR9500000230	HARNESS 13P(SCN)-13P 430mm S-LCDXXTW8977	1
CN905	095G 82514XA05	9JR9500000233	HARNESS 14P(SCN)-14P 210mm S-LCDXXTW8976	1
D901	093G 60935	9JR9300000177	DIODE MBRF20100CT ITO-220AB	1
D902	093G 60330	9JR9300000112	SCHOTTKY MBRF20100CT 20A 100V ITO-220AB	1
D903	093G 52 56	9JR9300000138	DIODE FMN-1106S 10A/600V TO-220	1
D908	093G102050152T	9JR9300000130	RGP10D	1
D924	093G108090052T	9JR9300000131	DIODE UG1006 1A 800V DO-41	1
D927	093G 60912	9JR9300000176	DIODE 40V/10A SRF1040 ITO-220AB	1
D928	093G 60910	9JR9300000135	DIODE SBF1040CT 10A/40V_I TO-220	1
D931	093G 6451952T	9JR9300000201	SWITCHING BAV21 0.2A 200V DO-34	1
D932	093G 6451952T	9JR9300000201	SWITCHING BAV21 0.2A 200V DO-34	1
D933	093G 6451952T	9JR9300000201	SWITCHING BAV21 0.2A 200V DO-34	1
D936	093G 6451952T	9JR9300000201	SWITCHING BAV21 0.2A 200V DO-34	1
D937	093G 6451952T	9JR9300000201	SWITCHING BAV21 0.2A 200V DO-34	1
D938	093G 6451952T	9JR9300000201	SWITCHING BAV21 0.2A 200V DO-34	1
F901	084G 41 7	9JR8400000013	FUSE 5A 250V 0215005M LITTELFUSE	1
F902	084G 41 7	9JR8400000013	FUSE 5A 250V 0215005M LITTELFUSE	1
FB903	071G 55 8	9JR7100000028	FERRITE BEAD	1
FB904	071G 55 8	9JR7100000028	FERRITE BEAD	1
FB919	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB920	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB921	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
FB922	071G 55906	9JR7100000023	FERRITE CORE 510R C8B R6H 6x9.2(A)	1
FB923	071G 55906	9JR7100000023	FERRITE CORE 510R C8B R6H 6x9.2(A)	1
FB964	071G 55909	9JR7100000029	FERRITE CORE 2.5*3*0.8 BF-L25030W-768	1
IC901	056G 665 10 1	9JR5600000075	IC RESONANT L6599DTR SO-16N ST	1
IC902	056G 379901	9JR5600000109	IC SG6961SZ SOP8	1
IC903	056G 581 7	9JR5600000114	IC TNY277PN DIP-8C	1
IC909	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC910	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC911	056G 139 7 1	9JR5600000057	IC EL817MA M-TYPE	1
IC913	056G 158 12	9JR5600000084	Shunt Regulator KIA431A-AT/P TO-92	1
IC914	056G 158 12	9JR5600000084	Shunt Regulator KIA431A-AT/P TO-92	1
J901	095G 90 23	9JR9500000047	JUMPER WIRE	1
J902	095G 90 23	9JR9500000047	JUMPER WIRE	1
J903	095G 90 23	9JR9500000047	JUMPER WIRE	1
J904	095G 90 23	9JR9500000047	JUMPER WIRE	1
J905	095G 90 23	9JR9500000047	JUMPER WIRE	1
J906	095G 90 23	9JR9500000047	JUMPER WIRE	1
J907	095G 90 23	9JR9500000047	JUMPER WIRE	1
J908	095G 90 23	9JR9500000047	JUMPER WIRE	1
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J911	095G 90 23	9JR9500000047	JUMPER WIRE	1
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J913	095G 90 23	9JR9500000047	JUMPER WIRE	1
J914	095G 90 23	9JR9500000047	JUMPER WIRE	1
J915	095G 90 23	9JR9500000047	JUMPER WIRE	1
J916	095G 90 23	9JR9500000047	JUMPER WIRE	1
J917	095G 90 23	9JR9500000047	JUMPER WIRE	1
J918	095G 90 23	9JR9500000047	JUMPER WIRE	1

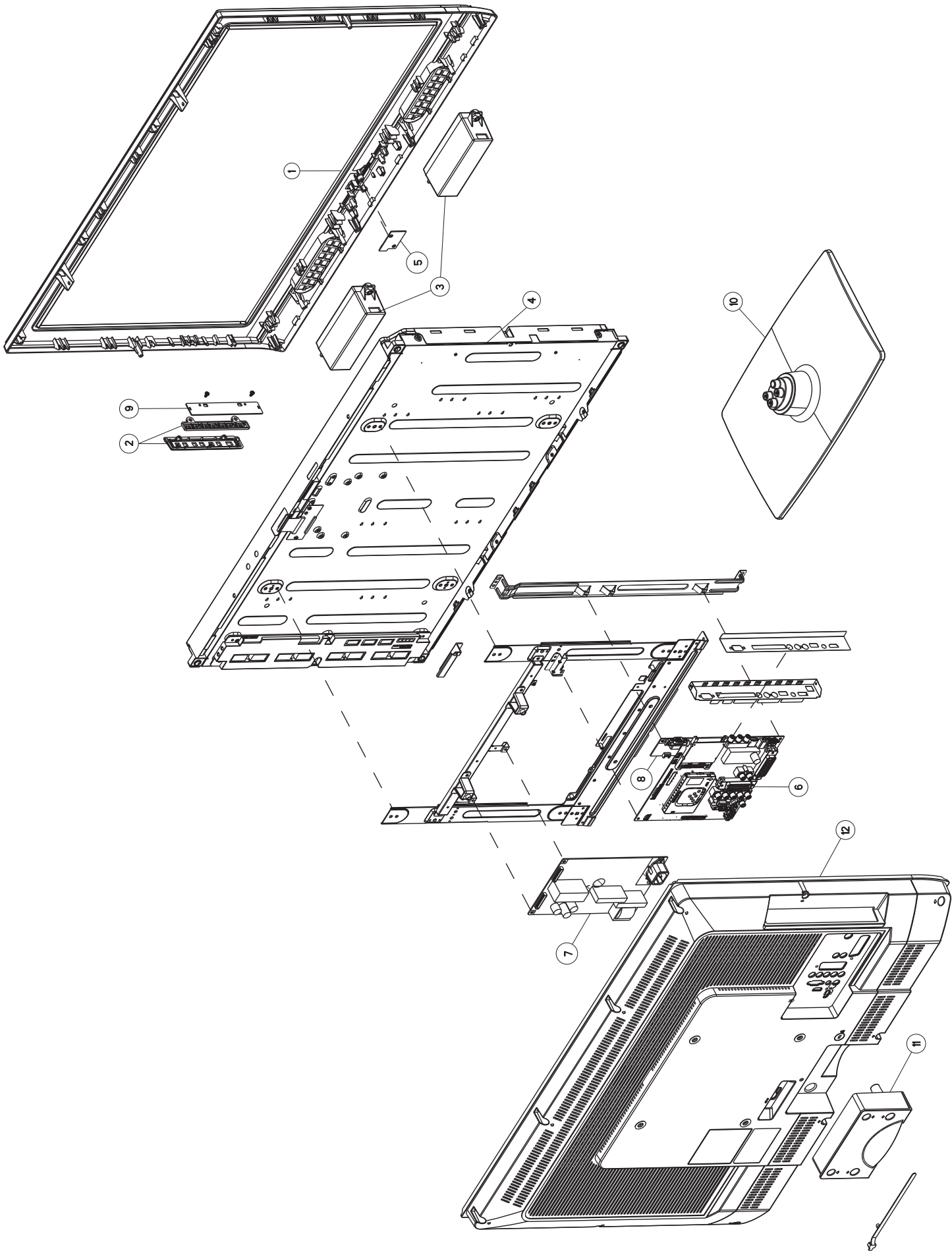
LC-26SH330, LC-32SH330, LC-42SH330

J919	095G 90 23	9JR9500000047	JUMPER WIRE	1
J920	095G 90 23	9JR9500000047	JUMPER WIRE	1
J923	095G 90 23	9JR9500000047	JUMPER WIRE	1
J926	095G 90 23	9JR9500000047	JUMPER WIRE	1
J927	095G 90 23	9JR9500000047	JUMPER WIRE	1
J928	061G1206000 T	9JR6100000317	RST CHIP MAX 0R05 1/4W	1
J929	095G 90 23	9JR9500000047	JUMPER WIRE	1
J931	095G 90 23	9JR9500000047	JUMPER WIRE	1
L901	073G 174106 YS	9JR7300000066	LINE FILTER 13MH MIN YS04120062	1
L902	073G 174106 YS	9JR7300000066	LINE FILTER 13MH MIN YS04120062	1
L903	073G 174938 L	9JR7300000116	PFC CHOKE 400uH 5% CC-012373	1
L906	073G 253921 H	9JR7300000064	CHOKE COIL 1.4uH 20% LB1R4A HA DADON	1
L907	073G 253910 H	9JR7300000063	CHOKE COIL 2.3uH+/-20% 7.2mohm R4*15	1
L908	073G 253910 H	9JR7300000063	CHOKE COIL 2.3uH+/-20% 7.2mohm R4*15	1
L909	073G 253910 H	9JR7300000063	CHOKE COIL 2.3uH+/-20% 7.2mohm R4*15	1
Q902	057G 667 49	9JR5700000072	FET 2SK4086LS-MG5 TO-220FI(LS)	1
Q915	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q917	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q918	057G 477900 T	9JR5700000052	TRA SIG SM BC847C (KEC0) R	1
Q919	057G 611 9	9JR5700000075	MOSFET 2SK4097LS-MG5 9.5 500 TO-220FI	1
Q920	057G 611 9	9JR5700000075	MOSFET 2SK4097LS-MG5 9.5 500 TO-220FI	1
Q922	057G 420903 T	9JR5700000045	TRA SIG BC327-40 (KEC0) A	1
Q923	057G 420519 T	9JR5700000044	BC857C	1
Q924	057G 420519 T	9JR5700000044	BC857C	1
R913	061G0805333 T	9JR6100000656	RST CHIP 33K 1/8W 5%	1
R915	061G0805223 T	9JR6100000651	RST CHIP 22K 1/8W 5%	1
R916	061G0805333 T	9JR6100000656	RST CHIP 33K 1/8W 5%	1
R917	061G 60212352T TZ	9JR6100000689	RST CFR 12K 1/6W 5%	1
R918	061G0805683 T	9JR6100000702	RST CHIP 68K 1/8W 5%	1
R919	061G0805103 T	9JR6100000302	RST CHIP 10K 1/8W 5%	1
R920	061G 60210352T TZ	9JR6100000592	RST CFR 10K 1/6W 5%	1
R921	061G 60247552T TZ	9JR6100000599	RST CHIP 4M7 1/6W 5%	1
R926	061G208M18852T	9JR6100000014	RST MOF 0R18 5% 1W	1
R928	061G 60227252T TZ	9JR6100000691	RST CFR 2K7 1/6W 5%	1
R929	061G0805473 T	9JR6100000312	RST CHIP 47K 1/8W 5%	1
R930	061G1206682 T	9JR6100000708	RST CHIP R 6K8 1/4W 5%	1
R932	061G 60233152T TZ	9JR6100000595	RST CFR 330R 1/6W 5%	1
R936	061G0805473 T	9JR6100000312	RST CHIP 47K 1/8W 5%	1
R937	061G08052201FT	9JR6100000366	RST CHIP 2K2 1/8W 1%	1
R938	061G0805472 T	9JR6100000659	RST CHIP 4K7 1/8W 5%	1
R939	061G08051802FT	9JR6100000365	RST 0805 18K 1% 1/8W	1
R940	061G08051601FT	9JR6100000698	RST CHIP 1K6 1/8W 1%	1
R941	061G08051802FT	9JR6100000365	RST 0805 18K 1% 1/8W	1
R943	061G 60247152T TZ	9JR6100000597	RST CFR 470R 1/6W 5%	1
R944	061G08051002FT	9JR6100000697	RST CHIP 10K 1/8W 1%	1
R945	061G08051001FT	9JR6100000696	RST CHIP 1K 1/8W 1%	1
R946	061G 60210352T TZ	9JR6100000592	RST CFR 10K 1/6W 5%	1
R947	061G08052202FT	9JR6100000649	RST CHIP 22K 1/8W 1%	1
R949	061G0805332 T	9JR6100000309	RST CHIP 3K3 1/8W 5%	1
R952	061G 60215152T TZ	9JR6100000690	RST CFR 150R 1/6W 5%	1
R953	061G0805104 T	9JR6100000303	RST CHIP 100K 1/8W 5%	1
R954	061G08051502FT	9JR6100000363	RST CHIP 15K 1/8W 1%	1
R955	061G 60233252T TZ	9JR6100000596	RST CFR 3K3 1/6W 5%	1
R956	061G0805101 T	9JR6100000300	RST CHIP 100R 1/8W 5%	1
R957	061G0805101 T	9JR6100000300	RST CHIP 100R 1/8W 5%	1
R958	061G0805333 T	9JR6100000656	RST CHIP 33K 1/8W 5%	1
R959	061G1206224 JT	9JR6100000706	RST CHIPR 220KOHM +-5% 1/4W TZAI YUAN	1
R960	061G1206224 JT	9JR6100000706	RST CHIPR 220KOHM +-5% 1/4W TZAI YUAN	1
R961	061G1206184 JT	9JR6100000704	RST CHIPR 180K +-5% 1/4W TZAI YUAN	1
R962	061G0805243 T	9JR6100000652	RST CHIP 24K 1/8W 5%	1
R963	061G0805104 T	9JR6100000303	RST CHIP 100K 1/8W 5%	1
R965	061G1206471 T	9JR6100000707	RST CHIP 470R 1/4W 5%	1
R966	061G0805222 T	9JR6100000650	RST CHIP 2K2 1/8W 5%	1
R967	061G0805475 T	9JR6100000701	RST CHIP 4M7 1/8W 5%	1
R968	061G1206471 T	9JR6100000707	RST CHIP 470R 1/4W 5%	1
R969	061G12061004FT	9JR6100000664	RST CHIP R 1 MOHM +-1% 1/4W	1
R970	061G12061004FT	9JR6100000664	RST CHIP R 1 MOHM +-1% 1/4W	1

R971	061G12061004FT	9JR6100000664	RST CHIP R 1 MOHM +-1% 1/4W	1
R972	061G08051802FT	9JR6100000365	RST 0805 18K 1% 1/8W	1
R973	061G08056800FT	9JR6100000661	RST CHIP 680R 1/8W 1%	1
R974	061G1206475 T	9JR6100000668	RST CHIP 4M7 1/4W 5%	1
R975	061G1206475 T	9JR6100000668	RST CHIP 4M7 1/4W 5%	1
R976	061G1206220 T	9JR6100000705	RST CHIP 22R 1/4W 5%	1
R977	061G1206475 T	9JR6100000668	RST CHIP 4M7 1/4W 5%	1
R978	061G0805104 T	9JR6100000303	RST CHIP 100K 1/8W 5%	1
R979	061G0805391 T	9JR6100000700	RST CHIP 390R 1/8W 5%	1
R980	061G0805334 T	9JR6100000699	RST CHIP 330K 1/8W 5%	1
R981	061G0805682 T	9JR6100000315	RST CHIP 6K8 1/8W 5%	1
R982	061G0805101 T	9JR6100000300	RST CHIP 100R 1/8W 5%	1
R984	061G0805331 T	9JR6100000655	RST CHIPR 330 OHM +-5% 1/8W	1
R987	061G 60210452T TZ	9JR6100000593	RST CFR 100K 1/6W 5%	1
R988	061G0805472 T	9JR6100000659	RST CHIP 4K7 1/8W 5%	1
R989	061G 60247252T TZ	9JR6100000692	RST CFR 4K7 1/6W 5%	1
R990	061G0805332 T	9JR6100000309	RST CHIP 3K3 1/8W 5%	1
R991	061G0805470 T	9JR6100000657	RST CHIP 47R 1/8W 5%	1
RV902	061G 46906 W	9JR6100000292	VARISTOR 560V TVR14561KFC4FY	1
RV904	061G 46902	9JR6100000291	VARISTOR 510V TVR14511KFC4FY	1
SG901	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG902	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG903	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
SG904	062G 10 18 KW	9JR6200000004	SURGE PROTECT GS41-201MA A	1
T904	080GL42T916 L	9JR8000000015	X'FMR 950UH 5% 37UH MAX PT-009601-3	1
T905	080GL52P 3 N	9JR8000000024	X'FMR 1.2mH 5% YUVA-1231	1
TH901	061G 58900 WT	9JR6100000688	NTC 1R55 SCK101R55LSY	1
ZD910	093G 3990252T	9JR9300000121	DIODE BZX79-C15 DO-35	1
ZD911	093G 3919352T	9JR9300000033	TVS P6KE160A 160V 100A 600W	1
ZD912	093G 3990752T	9JR9300000002	DIO REG BZX79-C5V1 A (PHSE) A	1
ZD913	093G 3992152T	9JR9300000004	DIODE BZX79-C9V1 DO-35	1

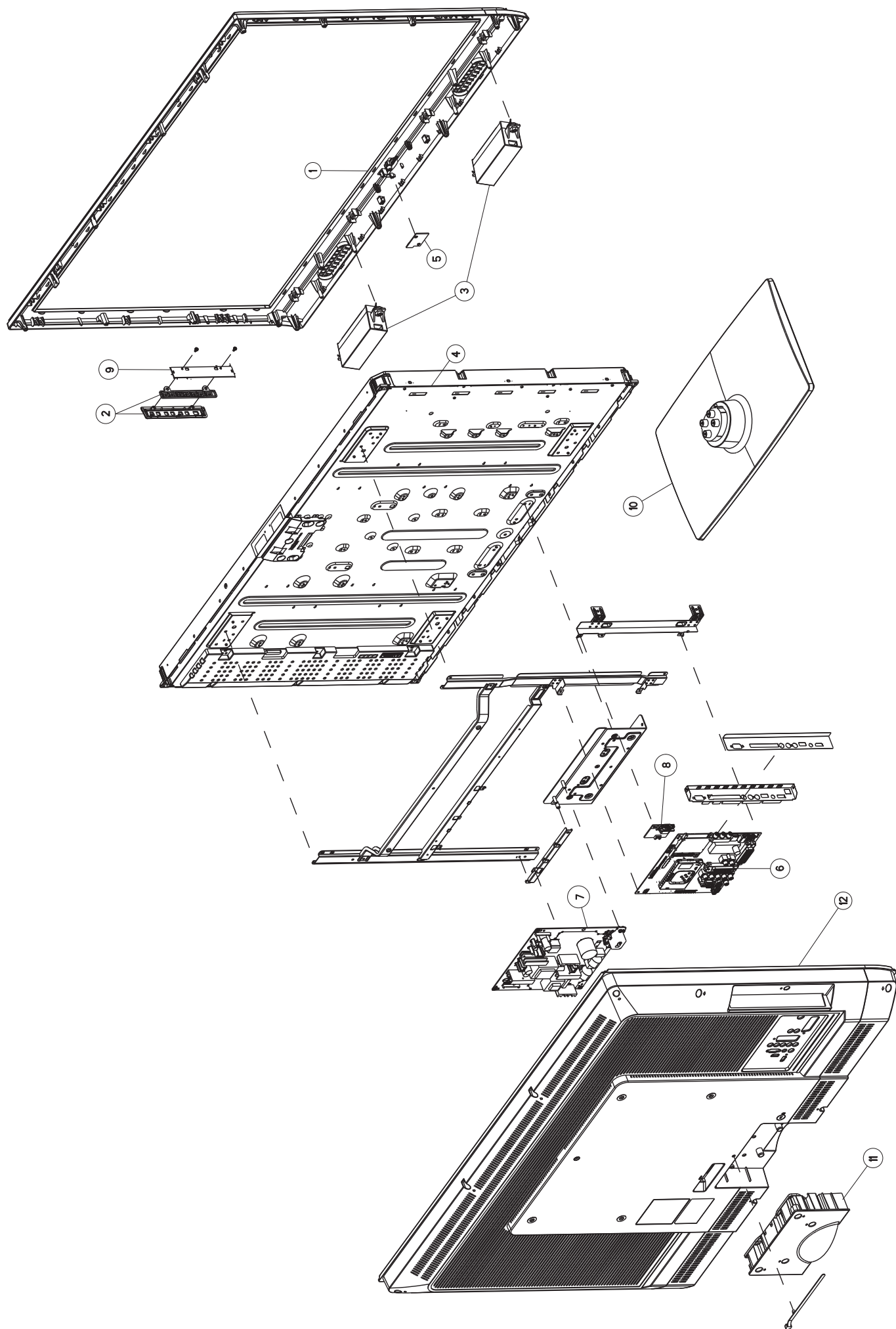


NO.	PARTS CODE	Sharp Code	DESCRIPTION
CABINET PARTS(LC-26SH330)			
1	705TZA34070	9JR7050000214	BEZEL ASSY
2	705GZ934236	9JR7050000118	KEY PAD ASSY
3	078G050AA02 M	9JR7800000051	SPEAKER 16R 5W 135*41 450+400 P351017g
4	750TAU260W4712N000	9JR7500000060	LCD T260XW04 V700 SZ AUO
5	IRPFAZAJ	9JR9900000159	IR PCB ASSY
6	CBPFA4ABZQ	9JR9900000162	MAIN PCB ASSY(LG TUNER)
7	ADTVB2407SA1	9JR9900000161	POWER PCB ASSY
8	KEPF9PA9	9JR9900000040	KEY PCB ASSY
9	705GZ934144	9JR7050000069	STAND ASSY
10	705TZA34617	9JR7050000432	BASE NECK ASSY
11	705TZA34639	9JR7050000475	REAR COVER ASSY



NO.	PARTS CODE	Sharp Code	DESCRIPTION
CABINET PARTS(LC-32SH330)			
1	705TZA34614	9JR7050000458	BEZEL ASSY
2	705GZ934236	9JR7050000118	KEY PAD ASSY
3	078G100AA05 D	9JR7800000050	SPEAKER 16 OHM 10W 135*41 550+420mm
4	750TVU315W4111N000	9JR7500000036	PANEL T315XW04 V1 TW AUO
5	IRPFAZAJ	9JR9900000159	IR PCB ASSY
6	CBPFA4ABZM	9JR9900000158	Scaler Assembly
7	ADTVA2415SB1	9JR9900000157	POWER PCB ASSY
8	PTPFAPA3	9JR9900000076	RS232 PCB ASSY
9	KEPF9PA9	9JR9900000040	KEY PCB ASSY
10	705GZ934144	9JR7050000069	STAND ASSY
11	705TZA34590	9JR7050000457	NECK ASSEMBLY
12	705TZA34584	9JR7050000456	REAR COVER ASSY

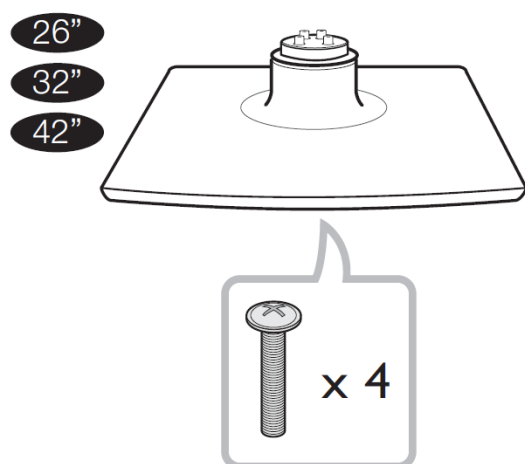
LC-26SH330, LC-32SH330, LC-42SH330
CABINET PARTS(LC-42SH330)



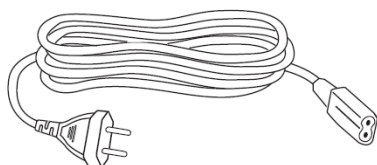
NO.	PARTS CODE	Sharp Code	DESCRIPTION
CABINET PARTS(LC-42SH330)			
1	705TZA34132	9JR7050000275	BEZEL ASSY
2	705TZA3418A	9JR7050000156	KEY PAD ASSY
3	078G100AA06 D	9JR7800000052	SPK 16R 10W 126*37 750+450 X12637-0031
4	750TAU420H901SN000	9JR7500000061	LCD T420HW09 V000 SN AUO
5	IRPFAZAJ	9JR9900000159	IR PCB ASSY
6	CBPFA4ABZR	9JR9900000163	MAIN PCB ASSY(LG TUNER)
7	ADTVA2420SA3	9JR9900000160	POWER PCB ASSY
8	PTPFAPA3	9JR9900000076	RS232 PCB ASSY
9	KEPF9PA9	9JR9900000040	KEY PCB ASSY
10	705GZ934207	9JR7050000112	STAND ASSY
11	705TZA34615	9JR7050000473	BASE NECK ASSY
12	705TZA34631	9JR7050000474	REAR COVER ASSY

[3] SUPPLIED ACCESSORIES

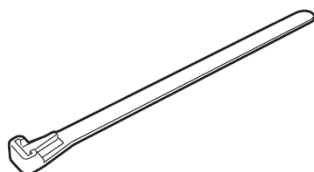
Stand unit and screws



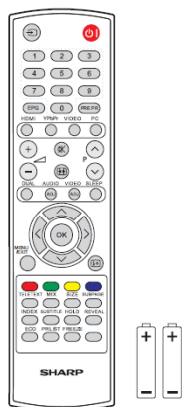
AC cord (x1)
Product shape varies
in some countries



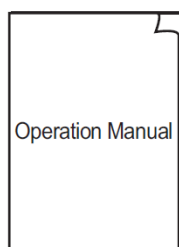
Cable clamp (x1)
Attached in back of
the TV.



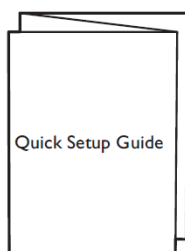
Remote control (x1)
AAA battery (x2)



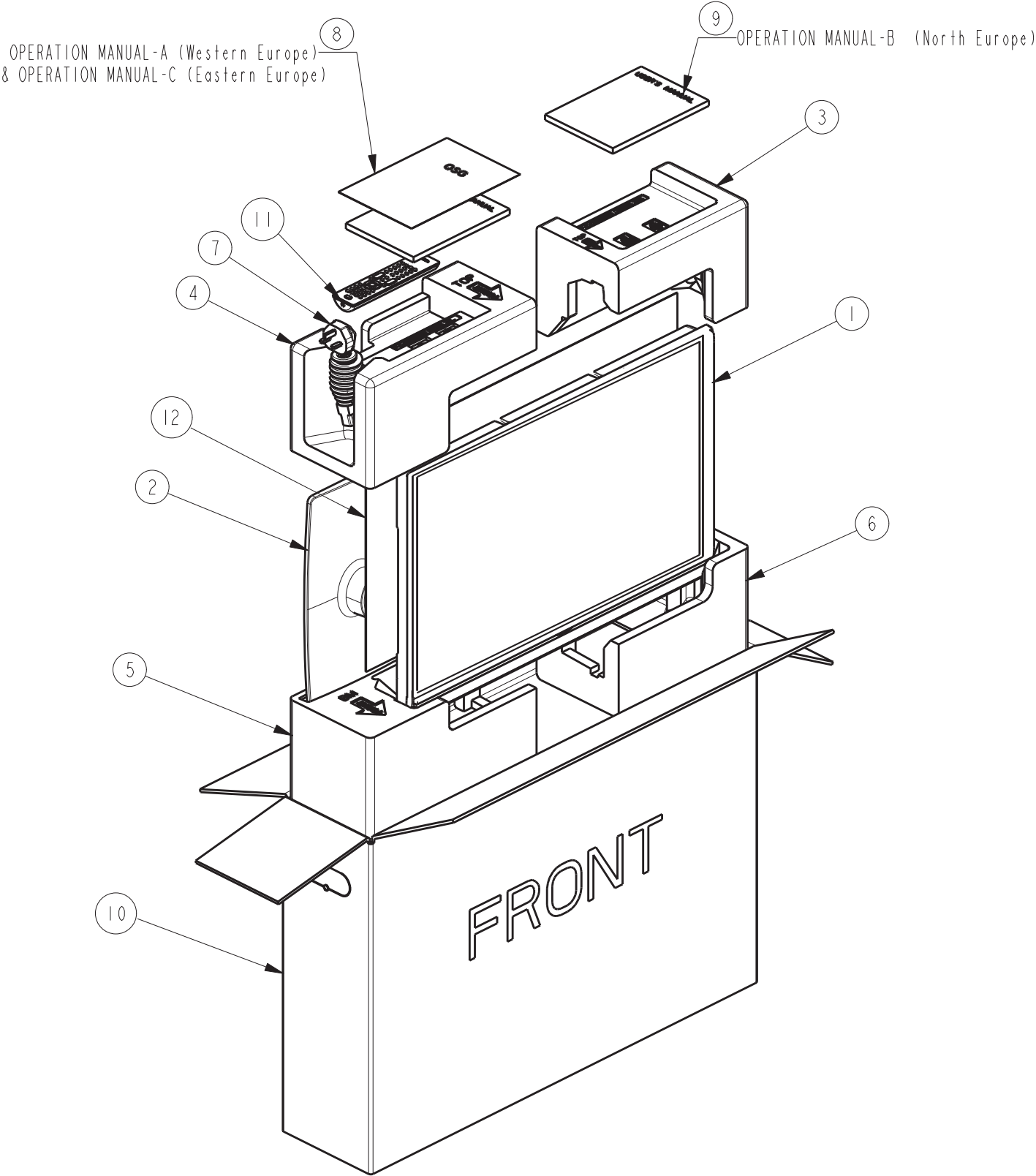
Operation Manual



Quick Setup Guide

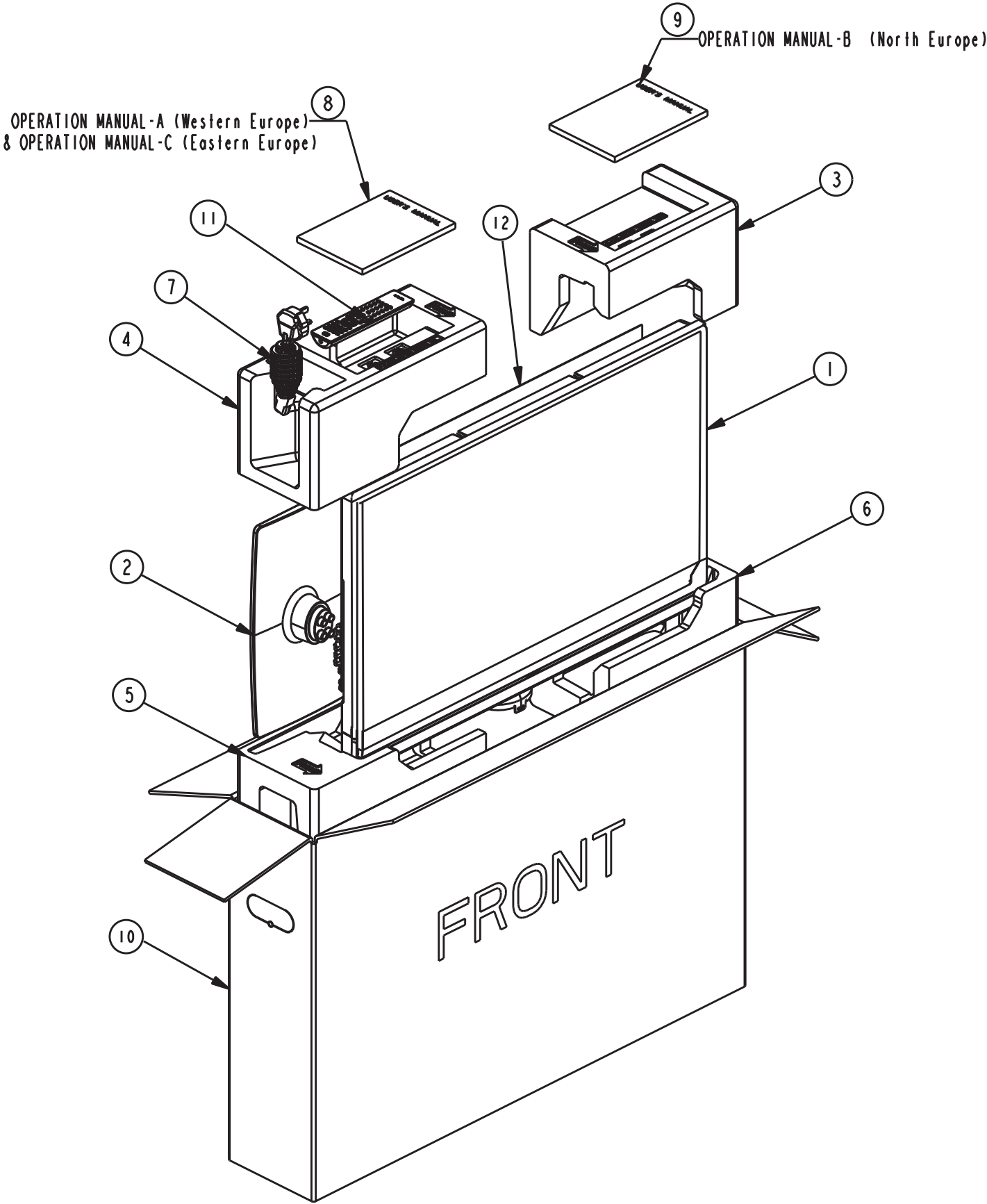


[4] 26" PACKING PARTS



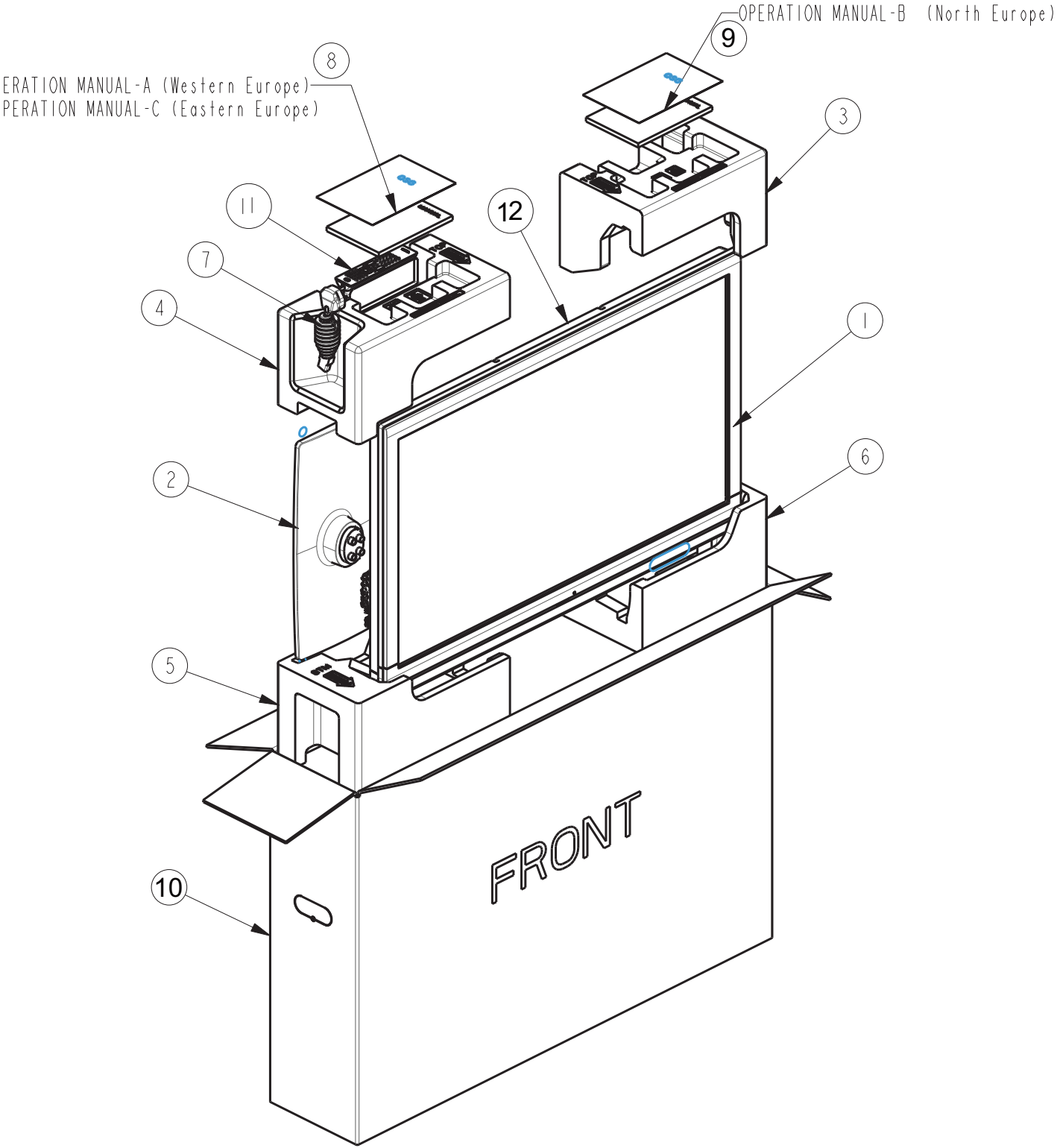
NO.	PARTS CODE	Sharp Code	DESCRIPTION
[2] PACKING PARTS (LC-26SH330)			
1			SET BODY
2	705GZ934144	9JR7050000069	STAND ASSY
3	P44GE015101	9JR4400000029	CUSHION_TL
4	P44GE015201	9JR4400000030	CUSHION_TR
5	P44GE015301	9JR4400000031	CUSHION_BL
6	P44GE015401	9JR4400000032	CUSHION_BR
7	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B
8	705TZA41C9A	9JR7050000459	DFU ASSY(Western Europe)(Eastern Europe)
9	705TZA41D1A	9JR7050000460	DFU ASSY(North Europe)
10	Z44GE036001	9JR4400000141	CARTON
11	098GRABD2NESPJ	9JR9800000005	REMOTE SHARP RC-SHARP-420
12	P45T 46025	9JR4500000007	PE BAG(800X650-0.72mm)

32" PACKING PARTS



NO.	PARTS CODE	Sharp Code	DESCRIPTION
[2] PACKING PARTS (LC-32SH330)			
1			SET BODY
2	705GZ934144	9JR7050000069	STAND ASSY
3	P44GJ020201	9JR4400000037	CUSHION_TR
4	P44GJ020101	9JR4400000036	CUSHION_TL
5	P44GJ020301	9JR4400000038	CUSHION_BL
6	P44GJ020401	9JR4400000039	CUSHION_BR
7	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B
8	705TZA41C9A	9JR7050000459	DFU ASSY(Western Europe)(Eastern Europe)
9	705TZA41D1A	9JR7050000460	DFU ASSY(North Europe)
10	Z44GJ081002	9JR4400000140	CARTON
11	098GRABD2NESPJ	9JR9800000005	REMOTE SHARP RC-SHARP-420
12	P45T 46024	9JR4500000006	PE BAG(950X735x0.72mm)

42" PACKING PARTS



NO.	PARTS CODE	Sharp Code	DESCRIPTION
[2] PACKING PARTS (LC-42SH330)			
1			SET BODY
2	705GZ934207	9JR7050000112	STAND ASSY
3	P44GN019201	9JR4400000045	CUSHION_TR
4	P44GN019101	9JR4400000044	CUSHION_TL
5	P44GN019301	9JR4400000046	CUSHION_BL
6	P44GN019401	9JR4400000047	CUSHION_BR
7	089G204A15NLS1	9JR8900000009	POWER CORD 1.5M PE8C5Z1B90A-04B
8	705TZA41C9A	9JR7050000459	DFU ASSY(Western Europe)(Eastern Europe)
9	705TZA41D1A	9JR7050000460	DFU ASSY(North Europe)
10	Z44GN098001	9JR4400000142	CARTON
11	098GRABD2NESPJ	9JR9800000005	REMOTE SHARP RC-SHARP-420
12	P45T 46023	9JR4500000008	PE BAG(1200X1000x0.72mm)

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